B&A Buys & Associates, Inc.
Environmental Consultants

2580 Creekview Road
Moab, Utah 84532
435/719-2018 435/719-2019 Fax

May 29, 2008

Diana Mason
State of Utah
Division of Oil Gas and Mining
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Application for Permit to Drill—XTO Energy, Inc.
AP 14-2J
513' FSL & 2,083' FWL, SE/4 SW/4, Section 2, T11S, R19E, SLB&M, Uintah County, Utah

Dear Diana:

On behalf of XTO Energy, Inc., Buys & Associates, Inc., respectfully submits the enclosed original and one copy of the Application for Permit to Drill (APD) for the above referenced SITLA surface and mineral vertical well. Included with the APD is the following supplemental information:

Exhibit "A" - Survey plats, layouts and photos of the proposed well site;

Exhibit "B" - Proposed location maps with access and utility corridors;

Exhibit "C" - Production site layout;

Exhibit "D" - Drilling Plan;

Exhibit "E" - Surface Use Plan with APD Certification;

Exhibit "F" - Typical BOP and Choke Manifold diagram;

Exhibit "G" - Cultural and Paleontological Clearance Reports.

Thank you very much for your timely consideration of this application. Please feel free to contact myself or Ken Secrest of XTO Energy, Inc. at 435-722-4521 if you have any questions or need additional information.

Sincerely,

Don Hamilton

Don Hamilton
Agent for XTO Energy, Inc.

cc: Jim Davis, SITLA
Fluid Mineral Group, BLM—Vernal Field Office
Ken Secrest, XTO Energy, Inc.

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JUN 03 2008
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STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐
(highlight changes)

APPLICATION FOR PERMIT TO DRILL

5. MINERAL LEASE NO: ML-36213	6. SURFACE: State
1A. TYPE OF WORK: DRILL ☑ REENTER ☐ DEEPEN ☐	7. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
B. TYPE OF WELL: OIL ☐ GAS ☑ OTHER _____ SINGLE ZONE ☐ MULTIPLE ZONE ☑	8. UNIT or CA AGREEMENT NAME: N/A
2. NAME OF OPERATOR: XTO Energy, Inc.	9. WELL NAME and NUMBER: AP 14-2J
3. ADDRESS OF OPERATOR: PO Box 1360 CITY Roosevelt STATE UT ZIP 84066 / PHONE NUMBER: (405) 749-5263	10. FIELD AND POOL, OR WILDCAT: ~~undesignated~~ Altamont
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 513' FSL & 2,083' FWL, 605999X 4415366Y 39.883624 -109.760361 AT PROPOSED PRODUCING ZONE:	11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESW 2 11S 19E S
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 14.81 miles southwest of Ouray, Utah	12. COUNTY: Uintah / 13. STATE: UTAH

15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET)	16. NUMBER OF ACRES IN LEASE:	17. NUMBER OF ACRES ASSIGNED TO THIS WELL:
513'	625.62	40
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET)	**19. PROPOSED DEPTH:**	**20. BOND DESCRIPTION:**
1,200'	9,641	SITLA Blanket 104312 762
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.):	**22. APPROXIMATE DATE WORK WILL START:**	**23. ESTIMATED DURATION:**
5,492' GR	8/15/2008	14 days

24. **PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT			SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT
12-1/4"	9-5/8"	J-55 ST	36#	2,200	see Drilling Plan
7-7/8"	5-1/2"	N-80 LT	17#	9,641	see Drilling Plan

25. **ATTACHMENTS**

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:

- ☑ WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER
- ☐ EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER
- ☑ COMPLETE DRILLING PLAN
- ☐ FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER

NAME (PLEASE PRINT) Don Hamilton TITLE Agent for XTO Energy, Inc.

SIGNATURE Don Hamilton DATE 5/29/2008

(This space for State use only)

Approved by the
Utah Division of
Oil, Gas and Mining

API NUMBER ASSIGNED: 43-047-40104

APPROVAL:

Date: 06-05-08

By: _____
(See Instructions on Reverse Side)

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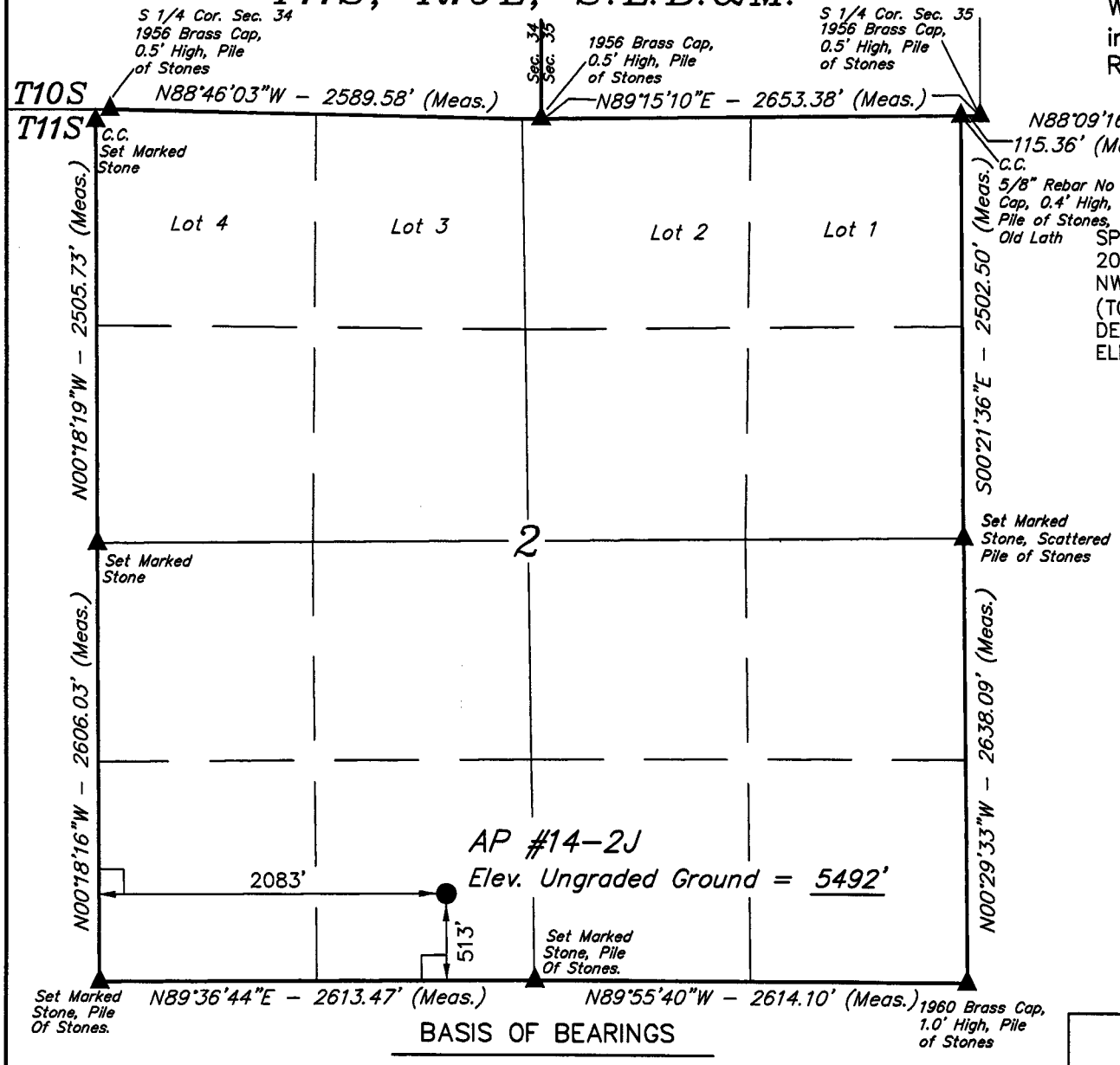
(11/2001)

T11S, R19E, S.L.B.&M.

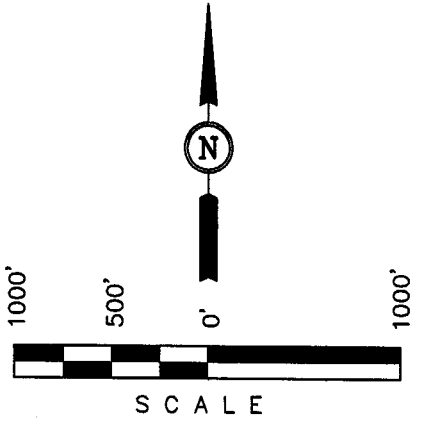
XTO ENERGY, INC.

Well location, AP #14-2J, located as shown in the SE 1/4 SW 1/4 of Section 2, T11S, R19E, S.L.B.&M. Uintah County, Utah.



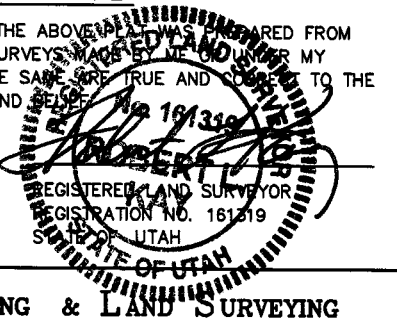
BASIS OF ELEVATION

SPOT ELEVATION AT THE SOUTHWEST CORNER OF SECTION 20, T10S, R19E, S.L.B.&M. TAKEN FROM THE BIG PACK MNT. NW QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5251 FEET.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

(NAD 83)
LATITUDE = 39°53'00.92" (39.883589)
LONGITUDE = 109°45'39.56" (109.760989)
(NAD 27)
LATITUDE = 39°53'01.05" (39.883625)
LONGITUDE = 109°45'37.06" (109.760294)

LEGEND:

└ = 90° SYMBOL
● = PROPOSED WELL HEAD.
▲ = SECTION CORNERS LOCATED.

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

SCALE	DATE SURVEYED:	DATE DRAWN:
1" = 1000'	11-14-07	11-27-07
PARTY: S.V. M.W. S.L.	REFERENCES: G.L.O. PLAT	
WEATHER: WARM	FILE: XTO ENERGY, INC.	

XTO ENERGY INC.

AP 14-2J
APD Data
May 29, 2008

Location: 513' FSL & 2083' FWL, Sec. 2, T11S,R19E **County**: Uintah **State**: Utah

GREATEST PROJECTED TD: 9641' MD OBJECTIVE: Wasatch/Mesaverde
APPROX GR ELEV: 5492' Est KB ELEV: 5506' (14' AGL)

1. MUD PROGRAM:

INTERVAL	0' to 2200'	2200' to 9641'
HOLE SIZE	12.25"	7.875"
MUD TYPE	FW/Spud Mud	KCl Based LSND / Gel Chemical
WEIGHT	8.4	8.6-9.20
VISCOSITY	NC	30-60
WATER LOSS	NC	8-15

Remarks: Use fibrous materials as needed to control seepage and lost circulation. Pump high viscosity sweeps as needed for hole cleaning. Raise viscosity at TD for logging. Reduce viscosity after logging for cementing purposes. The mud system will be monitored visually/manually.

2. CASING PROGRAM:

Surface Casing: 9.625" casing set at ± 2200' in a 12.25" hole filled with 8.4 ppg mud

Interval	Length	Wt	Gr	Cplg	Coll Rating (psi)	Burst Rating (psi)	Jt Str (M-lbs)	ID (in)	Drift (in)	SF Coll	SF Burst	SF Ten
0'-2200'	2200'	36#	J-55	ST&C	2020	3.66	394	8.921	8.765	2.10	3.66	4.97

Production Casing: 5.5" casing set at ±9641' in a 7.875" hole filled with 9.2 ppg mud.

Interval	Length	Wt	Gr	Cplg	Coll Rating (psi)	Burst Rating (psi)	Jt Str (M-lbs)	ID (in)	Drift (in)	SF Coll	SF Burst	SF Ten
0'-9641'	9641'	17#	N-80	LT&C	6280	7740	348	4.892	4.767	1.72	2.12	2.12

Collapse and burst loads calculated at TVD with 0.1 psi/ft gas gradient back up.

3. WELLHEAD:

A. Casing Head: Larkin Fig 92 (or equivalent), 9" nominal, 2,000 psig WP (4,000 psig test) with 9-5/8" 8rnd thread on bottom (or slip-on, weld-on) and 11-3/4" 8rnd thread on top.
B. Tubing Head: Larkin Fig 612 (or equivalent), 6.456" nominal, 5,000 psig WP, 5-1/2" 8rnd female thread on bottom (or slip-on, weld-on), 8-5/8" 8rnd thread on top.

4. CEMENT PROGRAM:

A. Surface: 9.625", 36#, J-55, ST&C casing to be set at ±2200' in 12.25" hole.

LEAD:
±183 sx of Type V cement (or equivalent) typically containing accelerator and LCM mixed at 11.0 ppg, 3.82 cu. ft./sk..

TAIL:
225 sx of Class G (or equivalent) typically containing accelerator and LCM mixed at 15.8 ppg, 1.15 cu. ft./sk.

Total estimated slurry volume for the 9.625" surface casing is 956.5 ft^3. Slurry includes 35% excess of calculated open hole annular volume to 2200'.

B. Production: 5.5", 17#, N-80 (or equiv.), LT&C casing to be set at ±9641' in 7.875" hole.

LEAD:
±499 sx of Premium Plus V Blend. (Type V/Poz/Gel) or equivalent, with dispersant, fluid loss, accelerator, & LCM mixed at 11.6 ppg, 3.12 ft^3/sk, 17.71 gal wtr/sx.

TAIL:
300 sx Class G or equivalent cement with poz, bonding additive, LCM, dispersant, & fluid loss mixed at 13.0 ppg, 1.75 cuft/sx, 9.09 gal/sx.

Total estimated slurry volume for the 5.5" production casing is 2080 ft^3. Slurry includes 15% excess of calculated open hole annular volume.

Note: The slurry design may change slightly based upon actual conditions. Final cement volumes will be determined from the caliper logs plus 15% or greater excess. The cement is designed to circulate on surface casing string.

5. LOGGING PROGRAM:

A. Mud Logger: The mud logger will come on at surface casing point and will remain on the hole until TD. The mud will be logged in 10' intervals.

B. Open Hole Logs as follows: Run Array Induction/SFL/GR/SP fr/TD (9641') to the bottom of the surface csg. Run Neutron/Lithodensity/Pe/GR/Cal from TD (9641') to 2200'.

6. FORMATION TOPS:

FORMATION	Sub-Sea Elev. (@SHL)	TVD (@SHL)
Green River	4,660	851
Mahogany Bench Mbr.	3,830	1,681
Wasatch Tongue	1,780	3,731
Green River Tongue	1,430	4,081
Wasatch*	1,270	4,241
Chapita Wells*	435	5,076
Uteland Buttes	-765	6,276
Mesaverde*	-1,560	7,071
Castlegate	N/A	N/A
TD**	**-4,130**	**9,641**

** Primary Objective*

7. ANTICIPATED OIL, GAS, & WATER ZONES:

A.

Formation	Expected Fluids	Well Depth Top
Green River	Water/Oil Shale	851
Mahogoany Bench Mbr.	Water/Oil Shale	1,681
Wasatch Tongue	Oil/Gas/Water	3,731
Green River Tongue	Oil/Gas/Water	4,081
Wasatch*	Gas/Water	4,241
Chapita Wells*	Gas/Water	5,076
Uteland Buttes	Gas/Water	6,276
Mesaverde*	Gas/Water	7,071
Castlegate	Gas/Water	N/A

B. Appropriately weighted mud will be used to isolate potential gas, oil, and water zones until such time as casing can be cemented into place for zonal isolation.
C. There are no known potential sources of H_2S.
D. Expected bottom hole pressures are between 4100 psi and 4600 psi.
E. Base of Moderately Saline Water (USGS) at 3716'.

8. BOP EQUIPMENT:

Surface will not utilize a bop stack.

Production hole will be drilled with a 3000 psi BOP stack.

Minimum specifications for pressure control equipment are as follows:

Ram Type: 11" Hydraulic double ram with annular, 3000 psi w.p.

Ram type preventers and associated equipment shall be tested to approved stack working pressure if isolated by test plug or to 70% of internal yield pressure of casing. Pressure shall be maintained for at least 10 minutes or until requirements of test are met, whichever is longer. If a test plug is utilized, no bleed-off pressure is acceptable. For a test not utilizing a test plug, if a decline in pressure of more than 10% in 30 minutes occurs, the test shall be considered to have failed. Valve on casing head below test plug shall be open during test of BOP stack.

Annular type preventers (if used) shall be tested to 50% of rated working pressure. Pressure shall be maintained at least 10 minutes or until provisions of test are met, whichever is longer.

As a minimum, the above test shall be performed:

a. when initially installed:

b. whenever any seal subject to test pressure is broken

c. following related repairs: and

d. at 30 day intervals

Valves shall be tested from working pressure side during BOPE tests with all down stream valves open.

When testing the kill line valve(s) shall be held open or the ball removed.

Annular preventers (if used) shall be functionally operated at least weekly.

Pipe and blind rams shall be activated each trip, however, this function need not be performed more than once a day.

A BOPE pit level drill shall be conducted weekly for each drilling crew.

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No.2 for equipment and testing requirements, procedures, etc., and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests. Pressure tests shall apply to all related well control equipment.

BOP systems shall be consistent with API RP53. Pressure tests will be conducted before drilling out from under casing strings which have been set and cemented in place. Test pressures for BOP equipment are as follows:

Annular BOP -- 1500 psi
Ram type BOP -- 3000 psi
Kill line valves -- 3000 psi
Choke line valves and choke manifold valves -- 3000 psi
Chokes -- 3000 psi
Casing, casinghead & weld -- 1500 psi
Upper kelly cock and safety valve -- 3000 psi
Dart valve -- 3000 psi

Blowout preventer controls will be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to ensure good mechanical working order, and this inspection will be recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs.

The BLM in Vernal, UT shall be notified, at least 24 hours prior to initiating the pressure test, in order to have a BLM representative on location during pressure testing.

a. The size and rating of the BOP stack is shown on the attached diagram.

b. A choke line and a kill line are to be properly installed.

c. The accumulator system shall have a pressure capacity to provide for repeated operation of hydraulic preventers.

d. Drill string safety valve(s), to fit all tools in the drill string, are to be maintained on the rig floor while drilling operations are in progress.

e. See attached BOP & Choke manifold diagrams.

9. COMPANY PERSONNEL:

Name	Title	Office Phone	Home Phone
John Egelston	Drilling Engineer	505-333-3163	505-330-6902
Bobby Jackson	Drilling Superintendent	505-333-3224	505-486-4706
Glen Christiansen	Project Geologist	817-885-2800	

SURFACE USE PLAN

Name of Operator:	XTO Energy, Inc.
Address:	P.O. Box 1360; 978 North Crescent Roosevelt, Utah 84066
Well Location:	AP 14-2J 513' FSL & 2,083' FWL, SE/4 SW/4, Section 2, T11S, R19E, SLB&M, Uintah County, Utah

The surface owner or surface owner representative and dirt contractor will be provided with an approved copy of the surface use plan of operations and approved conditions of approval before initiating construction.

The onsite inspection for the referenced well is pending at this time.

1. Location of Existing Roads:

   a. The proposed well site is located approximately 14.81 miles southwest of Ouray, Utah.

   b. Directions to the proposed well site have been attached at the end of Exhibit B.

   c. The use of roads under State and County Road Department maintenance are necessary to access the AP area. However, no upgrades to the State or County Road system are proposed at this time.

   d. A Uintah County Road department encroachment is not needed to access this well.

   e. All existing roads will be maintained and kept in good repair during all phases of operation.

   e. Vehicle operators will obey posted speed restrictions and observe safe speeds commensurate with road and weather conditions.

   f. Since no improvements are anticipated to the State, County, Tribal or BLM access roads no topsoil striping will occur.

   g. All disturbances (wellsite, access and pipeline corridors) is contained within the existing SITLA lease boundary with no additional SITLA or Federal surface use required.

2. Planned Access Roads:

a. From the existing AP 5-2J access road a new access is proposed trending west approximately 0.25 miles along new disturbance to the proposed well site. The access crosses no significant drainages.

b. A road design plan is not anticipated at this time.

c. The proposed access road will consist of a 24' travel surface within a 30' disturbed area across entirely Alameda surface.

d. SITLA approval to construct and utilize the proposed access road is requested with this application.

e. A maximum grade of 10% will be maintained throughout the project.

f. No turnouts are proposed since adequate site distance exists in all directions.

g. No low-water crossings and no culverts are anticipated. Adequate drainage structures will be incorporated into the road.

h. No surfacing material will come from federal or Indian lands.

i. No gates or cattle guards are anticipated at this time.

j. Surface disturbance and vehicular travel will be limited to the approved location access road.

k. The operator will be responsible for all maintenance of the access road including drainage structures.

3. Location of Existing Wells:

a. Exhibit B has a map reflecting these wells within a one mile radius of the proposed well.

4. Location of Existing and/or Proposed Production Facilities:

a. All permanent structures will be painted a flat, non-reflective Covert Green /Carlsbad Canyon to match the standard environmental colors. All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) may be excluded.

b. Site security guidelines identified in 43 CFR 3163.7-5 and Onshore Oil and Gas Order No. 3 will be adhered to.

c. A gas meter run will be constructed and located on lease within 500 feet of the wellhead. Meter runs will be housed and/or fenced. All gas production and measurement shall comply with the provisions of 43 CFR 3162. 7-3, Onshore Oil and Gas Order No. 5, and American Gas Association (AGA) Report No. 3.

d. A tank battery will be constructed on this lease, it will be surrounded by a dike of sufficient capacity to contain the storage capacity of the largest tank. All loading lines and valves will be placed inside the berm surrounding the tank battery. All liquid hydrocarbons production and measurement shall conform to the provisions of 43 CFR 3162.7-3 and Onshore Oil and Gas Order No. 4 and Onshore Oil and Gas Order No. 5 for natural gas production and measurement.

e. Any necessary pits will be properly fenced to prevent any wildlife and livestock entry.

f. All access roads will be maintained as necessary to prevent erosion and accommodate year-round traffic. The road will be maintained in a safe useable condition.

g. The site will require periodic maintenance to ensure that drainages are kept open and free of debris, ice, and snow, and that surfaces are properly treated to reduce erosion, fugitive dust, and impacts to adjacent areas.

h. A pipeline corridor containing a single steel gas pipeline and a single steel or poly pipe water pipeline is associated with this application and is being applied for at this time. The proposed pipeline corridor will leave the south side of the well site and traverse 1,268' east to the existing AP 5-2J pipeline corridor.

i. XTO Energy, Inc. also requests permission to upgrade the existing pipeline corridor to contain a single steel gas pipeline and a single steel or poly pipe water pipeline within the previously approved pipeline corridor and traverse between the existing AP 5-2J and the east line of Section 2 along the previously approved route. The federal segment will be upgraded through a separate right-of-way amendment

j. The new and upgraded segments of the gas pipeline will be a 12" or less buried line and the water pipeline will be a 12" or less buried line within a 45' wide disturbed pipeline corridor.

k. Construction of the pipeline corridor will temporarily utilize the 30' disturbed width for the road for a total disturbed width of 75' for the road and pipeline corridors. The use of the proposed well site and access roads will facilitate the staging of the pipeline corridor construction.

l. XTO Energy, Inc. intends to bury the pipeline where possible and connect the pipeline together utilizing conventional welding technology.

5. Location and Type of Water Supply:

a. No water supply pipelines will be laid for this well.

b. No water well will be drilled for this well.

c. Drilling water for this will be hauled on the road(s) shown in Exhibit B.

d. Water will be hauled from one of the following sources:
   - Water Permit # 43-10991, Section 9, T8S, R20E;
   - Water Permit #43-2189, Section 33, T8S, R20E;
   - Water Permit #49-2158, Section 33, T8S, R20E;
   - Water Permit #49-2262, Section 33, T8S, R20E;
   - Water Permit #49-1645, Section 5, T9S, R22E;
   - Water Permit #43-9077, Section 32, T6S, R20E;
   - Tribal Resolution 06-183, Section 22, T10S, R20E;

6. Source of Construction Material:

a. The use of materials will conform to 43 CFR 3610.2-3.

b. No construction materials will be removed from Ute Tribal or BLM lands.

c. If any gravel is used, it will be obtained from a state approved gravel pit.

7. Methods of Handling Waste:

a. All wastes associated with this application will be contained and disposed of utilizing approved facilities.

b. Drill cuttings will be contained and buried on site.

c. The reserve pit will be located outboard of the location and along the southwest side of the pad.

d. The reserve pit will be constructed so as not to leak, break, or allow any discharge.

e. The reserve pit will be lined with 16 mil minimum thickness plastic nylon reinforced liner material. The liner will overlay a felt liner pad only if rock is encountered during excavation. The pit liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit. Pit walls will be sloped no greater than 2:1. A minimum 2-foot freeboard will be maintained in the pit at all times during the drilling and completion operation.

f. The reserve pit has been located in cut material. Three sides of the reserve pit will be fenced before drilling starts. The fourth side will be fenced as soon as drilling is completed, and shall remain until the pit is dry. After the reserve pit has dried, all areas not needed for production will be rehabilitated.

g. No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completion of the well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completion of the well.

h. Trash will be contained in a trash cage and hauled away to an approved disposal site as necessary but no later than at the completion of drilling operations. The contents of the trash container will be hauled off periodically to the approved Uintah County Landfill near Vernal, Utah.

i. Produced fluids from the well other than water will be produced into a test tank until such time as construction of production facilities is completed. Any spills of oil, gas, salt water or other produced fluids will be cleaned up and removed.

j. After initial clean-up, a 400 bbl tank will be installed to contain produced waste water. This water will be transported from the tank to an approved XTO Energy, Inc. disposal well for disposal.

k. Produced water from the production well will be disposed of at the RBU 13-11F or RBU 16-19F disposal wells in accordance with Onshore Order #7.

l. Any salts and/or chemicals, which are an integral part of the drilling system, will be disposed of in the same manner as the drilling fluid.

m. Sanitary facilities will be on site at all times during operations. Sewage will be placed in a portable chemical toilet and the toilet replaced periodically utilizing a licensed contractor to transport by truck the portable chemical toilet so that its contents can be delivered to the Vernal Wastewater Treatment Facility in accordance with state and county regulations.

8. Ancillary Facilities:

a. Garbage Containers and Portable Toilets are the only ancillary facilities proposed in this application.

b. No camps, airstrips or staging areas are proposed with this application.

9. Well Site Layout: (See Exhibit B)

a. The well will be properly identified in accordance with 43 CFR 3162.6.

b. Access to the well pad will be from the south.

c. The pad and road designs are consistent with DOGM specification

d. A pre-construction meeting with responsible company representative, contractors, and the landowner representative will be conducted at the project site prior to commencement of surface-disturbing activities. The pad and road will be construction-staked prior to this meeting.

e. The pad has been staked at its maximum size; however it will be constructed smaller if possible, depending upon rig availability. Should the layout change, this application will be amended and approved utilizing a sundry notice.

f. All surface disturbing activities, will be supervised by a qualified, responsible company representative who is aware of the terms and conditions of the APD and specifications in the approved plans.

g. All cut and fill slopes will be such that stability can be maintained for the life of the activity.

h. Diversion ditches will be constructed as shown around the well site to prevent surface waters form entering the well site area.

i. The site surface will be graded to drain away from the pit to avoid pit spillage during large storm events.

j. The stockpiled topsoil (first 6 inches or maximum available) will be stored in a windrow on the uphill side of the location to prevent any possible contamination. All topsoil will be stockpiled for reclamation in such a way as to prevent soil loss and contamination.

k. Pits will remain fenced until site cleanup.

l. The blooie line will be located at least 100 feet from the well head.

m. Water injection may be implemented if necessary to minimize the amount of fugitive dust.

10. Plans for Restoration of the Surface (Interim Reclamation and Final Reclamation):

a. Site reclamation for a producing well will be accomplished for portions of the site not required for the continued operation of the well.

b. Upon well completion, any hydrocarbons in the pit shall be removed in accordance with DOGM requirements. Once the reserve pit is dry, the plastic nylon reinforced liner shall be torn and perforated before backfilling of the reserve pit. The reserve pit and that portion of the location not needed for production facilities/operations will be re-contoured to the approximate natural contours.

c. Following Best Management Practices the interim reclamation will be completed within 90 days of completion of the well to reestablish vegetation, reduce dust and erosion and compliment the visual resources of the area.
    a. All equipment and debris will be removed from the area proposed for interim reclamation and the pit area will be backfilled and re-contoured.
    b. The area outside of the rig anchors and other disturbed areas not needed for the operation of the well will be re-contoured to blend with the surrounding area and reseeded as requested by the landowner.
    c. Reclaimed areas receiving incidental disturbance during the life of the producing well will be re-contoured and reseeded as soon as practical.

d. The Operator will control noxious weeds along access road use authorizations, pipeline route authorizations, well sites, or other applicable facilities by spraying or mechanical removal. A list of noxious weeds may be obtained from the SITLA or the appropriate County Extension Office.

e. Prior to final abandonment of the site, all disturbed areas, including the access road, will be scarified and left with a rough surface. The site will then be seeded and/or planted as prescribed by the landowner.

11. Surface and Mineral Ownership:

a. Surface Ownership – State of Utah – under the management of the SITLA -State Office, 675 East 500 South, Suite 500, Salt Lake, City, Utah 84102-2818; 801-538-5100.

b. Mineral Ownership – State of Utah – under the management of the SITLA -State Office, 675 East 500 South, Suite 500, Salt Lake, City, Utah 84102-2818; 801-538-5100.

12. Other Information:

a. Operators Contact Information:

Title	Name	Office Phone	Mobile Phone	e-mail
Company Rep.	Ken Secrest	435-722-4521	435-828-1450	Ken_Secrest@xtoenergy.com
Agent	Don Hamilton	435-719-2018	435-719-2018	starpoint@etv.net

b. Buys & Associates, Inc. has conducted a Class III archeological survey. A copy of the report is attached and has also been submitted under separate cover to the appropriate agencies by Buys & Associates, Inc.

c. Alden Hamblin has conducted a paleontological survey. A copy of the report is attached and has also been submitted under separate cover to the appropriate agencies by Alden Hamblin.

Certification:

I hereby certify that I, or someone under my direct supervision, have inspected the drill site and access route proposed herein; that I am familiar with the conditions which currently exists; that I have full knowledge of state and Federal laws applicable to this operation; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed in conformity with this APD package and the terms and conditions under which it is approved. I also certify that I, or the company I represent, am responsible for the operations conducted under this application and that bond coverage is provided under XTO Energy, Inc's SITLA bond 104312-762.

Executed this 29th day of May, 2008.

Don Hamilton

Don Hamilton -- Agent for XTO Energy, Inc.
2580 Creekview Road
Moab, Utah 84532

435-719-2018
starpoint@etv.net

BOP Equipment

3000psi WP

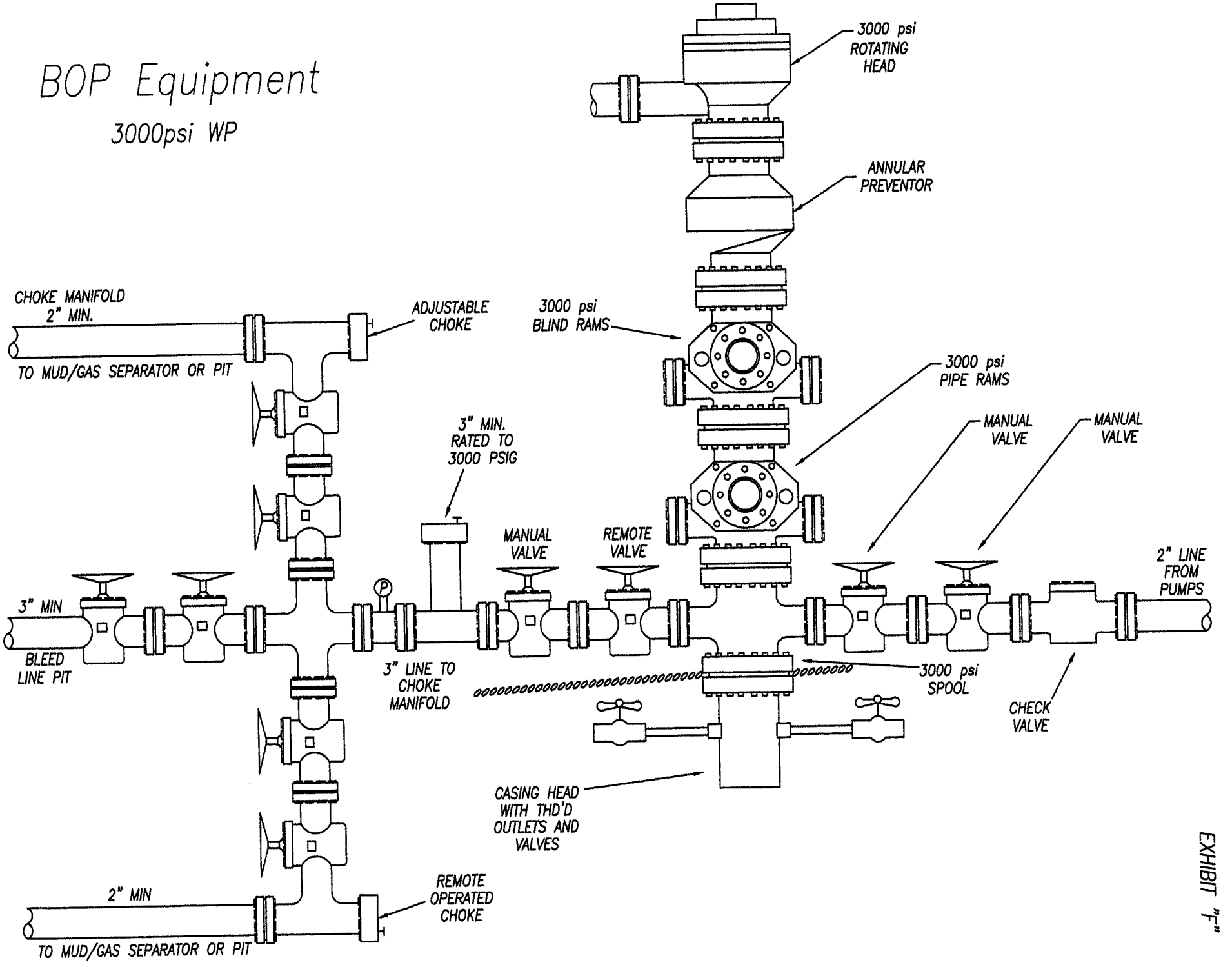


EXHIBIT "F"

CLASS III CULTURAL RESOURCE INVENTORY OF XTO ENERGY'S PROPOSED ALGERS PASS LOCATION #14-2J, ASSOCIATED ACCESS ROAD, AND PIPELINE

UINTAH COUNTY, UTAH

Author:

Shina duVall, Cultural Resource Specialist

Prepared for:
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1400 North State Street; PO Box 1360
Roosevelt, UT 84066

Prepared by:
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Littleton, CO 80122-2655

Principal Investigator: Shina duVall, MA, RPA
Field Supervisor: Stephen Snyder

Buys & Associates, Inc. Report No.: U-08-390-28-0054
State of Utah Project No.: U-08-UY-0257s

April 25, 2008

Utah State Archaeological Survey Permit No.: 85
United States Department of the Interior Federal Land Policy and Management Act (FLPMA) Permit No.: 07UT85002

CONFIDENTIALITY NOTICE:

Section 304 of the National Historic Preservation Act (16 U.S.C. 470w-3[a]) and Section 9 of the Archaeological Resources Protection Act of 1979 (16 U.S.C. 470hh) establish regulations regarding the confidentiality of information concerning the nature and location of archaeological resources. Therein is stated that information concerning the nature and location of any archaeological resource may not be made available to the public unless the Federal land manager concerned determines that such disclosure would not create a risk of harm to such resources or to the site at which such resources are located, or impede the use of a traditional religious site by practitioners.

As such, to the extent permitted by law, all information on archaeological resources and their locations gathered and presented with regard to the proposed project will be treated as confidential. All parties associated with the proposed project will ensure (1) that all information regarding specific site locations is kept confidential except for disclosures required by law or necessary to carry-out protection of sites; (2) that specific site locations are not included in any document made available to the general public; and (3) this information shall not be utilized by the requestor to destroy, excavate, or vandalize resources.

ABSTRACT

A Class III cultural resource inventory was conducted by Buys & Associates, Inc. in April 2008 for XTO Energy's proposed well location #14-2J, associated access road, and pipeline. The Project Area is located near Wild Horse Bench, just southeast of Kings Canyon and just north of Peter Post Canyon in the Uinta Basin, Uintah County, Utah. The legal location of the Project Area is Section 2, Township 11S, Range 19E. The total area of survey included 21.75 acres on land administered by the State Institutional Lands Trust Administration.

The results of the Class I inventory indicated that 21 previous cultural resource inventories had been conducted within 1 mile of the Project Area. These previous inventories resulted in the identification of four archaeological sites **(42Un4595, 42Un4812, 42Un4998, 42Un5007)**, within 1 mile of the Project Area. Two of these sites (**42Un4812** and **42Un4998**) were determined to be eligible for listing on the NRHP. However, neither of these previously recorded sites is located in the Project Area. No new cultural resources were recorded as a result of this inventory.

No avoidance or mitigation measures are recommended for the proposed project as there will be no effects to any historic properties as a result of the undertaking. Therefore, a determination of "no historic properties affected" is proposed for the project pursuant to Section 106 of the National Historic Preservation Act (36 CFR 800).

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1. INTRODUCTION

Buys & Associates, Inc. (B&A) conducted this Class III cultural resource inventory of XTO Energy's proposed well location #14-2J, associated access road and pipeline. The Project Area is located near Wild Horse Bench, just southeast of Kings Canyon and just north of Peter Post Canyon in the Uinta Basin, Uintah County, Utah. The legal location of the Project Area is in Section 2, Township 11S, Range 19E (**Figure 1.1**). The total area of survey included 21.75 acres on land administered by the State Institutional Lands Trust Administration (SITLA).

This cultural resource inventory was conducted in compliance with Federal and State legislation including Section 106 of the National Historic Preservation Act of 1966 (as amended) (NHPA), the National Environmental Policy Act of 1969, the Archaeological and Historic Preservation Act of 1974, the Archaeological Resources Protection Act of 1979 (ARPA), and the American Indian Religious Freedom Act of 1978. The NHPA sets forth national policy and procedures regarding "historic properties"—that is, regions, sites, buildings, structures, and objects included in or eligible for the National Register of Historic Places (NRHP). Section 106 of the NHPA requires Federal agencies to consider the effects of their undertakings on such properties, following regulations issued by the Advisory Council on Historic Preservation (ACHP) (36 CFR 800).

Criteria for evaluating the significance of resources for listing on the NRHP are outlined in 36 CFR 800.10, "National Register Criteria." The quality of significance in American history, architecture, archaeology, engineering, and culture is present in districts, sites, buildings, structures, and objects that possess integrity of location, design, setting, materials, workmanship, feeling, and association, and:

a) that are associated with events that have made a significant contribution to the broad patterns of our history;

b) that are associated with the lives of persons significant in our past;

c) that embody the distinctive characteristics of a type, period, or method of construction, or represent the work of a master, or that possess high artistic values, or that represent a significant and distinguishable entity whose components may lack individual distinction; and

d) that have yielded, or may be likely to yield, information important in prehistory or history.

This Class III cultural resource inventory was conducted by Stephen Snyder of B&A on April 16, 2008. The records search was conducted by Marty Thomas at the Division of State History, Salt Lake City, Utah on April 7, 2008. Shina duVall, MA, served as the principal investigator. Stephen Snyder served as the Field Supervisor. All field notes and photographs are on file at B&A's office in Littleton, Colorado under project number U-07-390-14-0054.

The results of the Class I inventory indicated that 21 previous cultural resource inventories had been conducted within 1 mile of the Project Area. These previous

inventories resulted in the identification of four archaeological sites **(42Un4595, 42Un4812, 42Un4998, 42Un5007)**, within 1 mile of the Project Area. Two of these sites (**42Un4812** and **42Un4998**) were determined to be eligible for listing on the NRHP. However, neither of these previously recorded sites is located in the Project Area. No new cultural resources were recorded as a result of this inventory.

2. ENVIRONMENT

The Uinta Basin and Uinta Mountains are located in the northeast corner of the State of Utah and are part of a larger physiographic area known as the Colorado Plateau. The Project Area is located near Wild Horse Bench, just southeast of Kings Canyon and just north of Peter Post Canyon in the Uinta Basin, Uintah County, Utah. The elevation of the Project Area ranges from approximately 5,350 to 5,650 feet. The topography consists of flat rocky ridges dissected by deep narrow canyons. It is characterized by raised, sloping benches or rides, incised ephemeral draws, and washes. Soils in the Project Area are shallow and consist of clay loams. Colluvium with some bedrock sandstone is also present. Drainage in the area is to the north with the Alger Pass drainages associated with Kings Canyon and the Willow Creek Unit drainages connected to Brown Canyon. Vegetation in the area includes Utah juniper, pinyon pine, black sagebrush, shadscale, galleta grass, Gardner's saltbush, prickly phlox, horsebrush, bud sage, American kochia, and cheat grass, with either pinyon-juniper or sagebrush as the dominant vegetation type. The Project Area and the Green River to the north and west provide habitat for numerous species of birds, mammals, reptiles, amphibians, fish, and invertebrates. Modern disturbances include oil and gas facilities and various roads.

3. CULTURE HISTORY

The prehistory of the Uinta Basin is complex and poorly understood because of its location at the intersection of the Great Basin, Colorado Plateau, and Northern Plains cultures. The cultural trajectory of change in the Uinta Basin has been generally categorized into five cultural-chronological periods, defined by Jennings (1986). These are the Paleoindian, Archaic, Formative (Fremont), Post Formative (Protohistoric), and Contact periods. The earliest evidence of a human presence in the area (during the Paleoindian period) dates back to approximately 12,000 years before present (B.P) during the terminal Pleistocene. This period is characterized by specialized hunting of big game animals, including the now-extinct species of mammoth and bison. Evidence for the Paleoindian presence in the Uinta Basin region comes from a few Clovis and Folsom projectile points and some Plano Complex lanceolate projectile points (Hauck 1998). However, these sparse isolated finds define the extent of the Paleoindian presence in the area, as few sites associated with the period have been sufficiently documented (Spangler 1995:332).

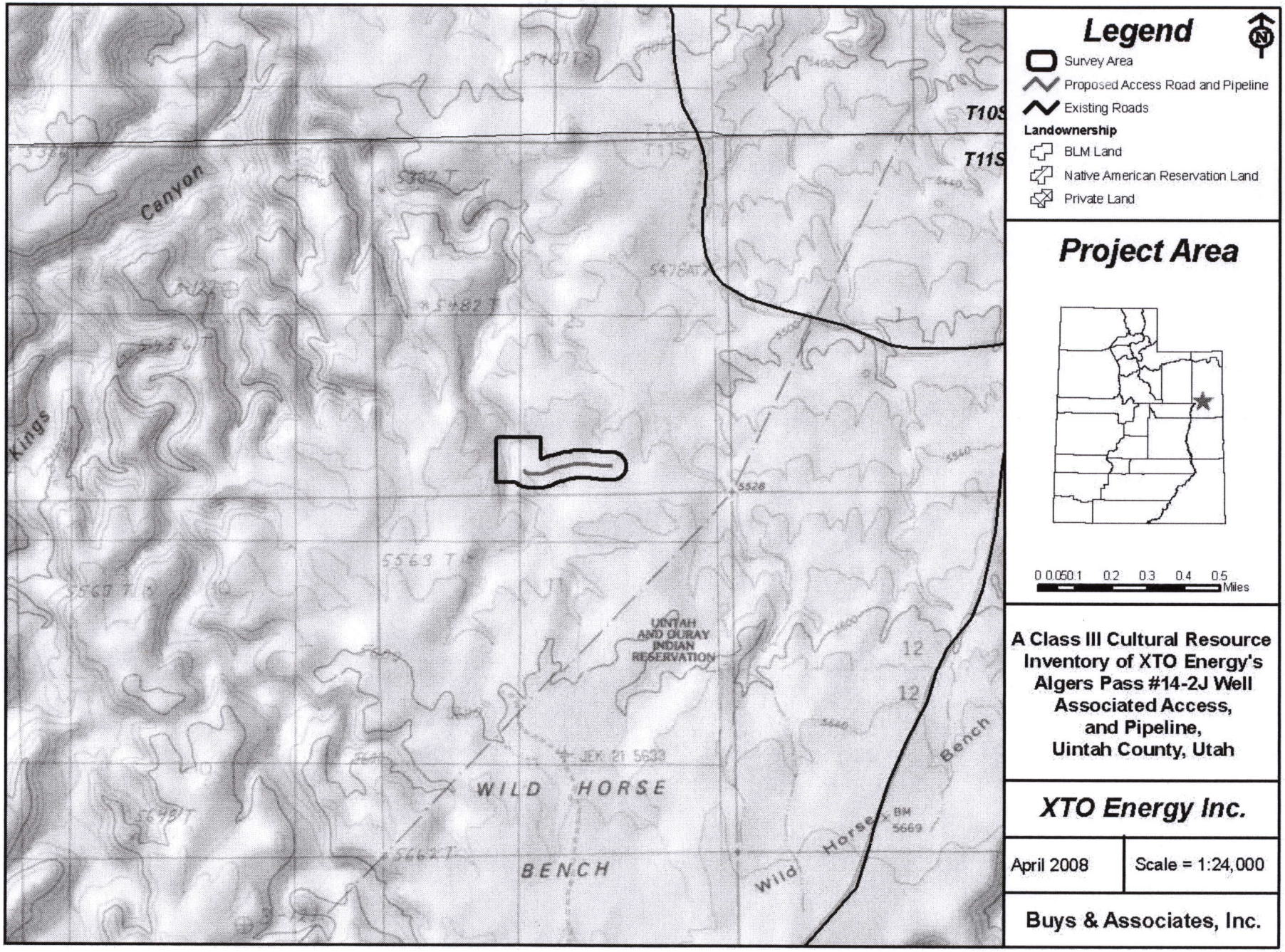

Figure 1.1 Location of XTO Energy's Proposed Algers Pass #14-2J, Associated Access Road and Pipeline.

The Archaic stage, which dates from approximately 8000 B.P. to 1500 B.P., is better represented in the archaeological record of the area. This period is further subdivided into the Early Archaic phase, which dates from approximately 8000 to 5000 B.P.; the Middle Archaic, which dates to approximately 5000 B.P. to 2500 B.P.; and the Late Archaic, which dates from approximately 2500 B.P. to 1450 B.P. In the Uinta Basin, there are few artifacts or sites dating to the Early Archaic, but the Middle and Late Archaic phases are better represented in the archaeological record (Holmer 1986). In comparison to the Paleoindian period, the Archaic period is characterized by increased foraging subsistence strategy. Archaic peoples exploited a wide variety of floral resources, and began hunting an array of smaller to medium-sized game animals such as cottontail rabbits, muskrats, birds, beavers, prairies dogs, deer, antelope, mule, and bighorn sheep. Archaic period cultural material includes an elaboration and expansion of the lithic toolkit with the introduction of new types of projectile points and the atlatl. Site types associated with the Archaic period include rock shelters, open-air campsites, plant gathering areas, and processing sites (Spangler 1995). The archaeological record indicates that the population in the Uinta Basin increased during the Middle Archaic period and continued to increase into the Late Archaic period. The first evidence of the construction of formal architectural features, such as semi-subterranean residential structures, and the beginnings of maize horticulture begin during the Late Archaic period.

The Formative period (Fremont) dates to approximately 2500 B.P. to annos domini (A.D.) 1400. During this period, the populations living in the Uinta Basin became more dependent on cultivated crops including corn, beans, and squash (Marwitt 1970). The Formative period is also marked by increased sedentism and the introduction of more elaborate and formal architectural features, such as shallow pithouse structures. Larger groups began occupying more permanent villages and some habitation sites appear to be positioned in strategic locations, such as atop buttes (Shields 1970). In addition, the Formative period, known in this area as the Uinta Fremont, witnessed the introduction of additional specialized technologies such as ceramics and the bow and arrow. The archaeology of Uinta Fremont architectural features has revealed evidence of postholes, hearths, two-handled wide-mouth vessels, and metates (Shields 1970).

The archaeological record indicates that the Formative period overlaps with the Post-Formative (Protohistoric) period as evidence suggests the arrival of Numic peoples in the area before the disappearance of Formative-period peoples (Reed 1994). Evidence of Numic (Ute and Shoshonean) artifacts and sites appears around approximately A.D. 1100. This transition from the Formative to the Post-Formative (Protohistoric) periods is characterized by a return to subsistence and settlement patterns that resembled the Archaic period trends, including more nomadic and semi-sedentary lifeways, and increased hunting and gathering. The exact nature, timing, and reasons for this transition and the apparent replacement of the rich and extensive Fremont culture and subsequent return to a more nomadic, hunting and gathering lifeway is unknown. Floral and faunal resources exploited by Numic-speaking peoples appear to have included goosefoot, grass seeds, pinyon nuts, juniper berries, squawbush berries and leaves, hackberry seeds, saltbush seeds, knotweed, chokecherry, chickweed, various small game, and deer, elk, pronghorn, and bison (Reed 1994:191). The habitation features of the Numic-speaking peoples consist primarily of wickiups, which are frame huts covered with matting made from bark or brush. It appears that the seasonal movement of small groups during this period was necessary to utilize these various resources. Cultural material in the archaeological record that is associated with Numic-speaking peoples

include lithic stone tool scatters, brown ware pottery, "Shoshonean knives" (Janetski 1994), and rock art.

Euro-American activity in the Uinta Basin began with an initial interest in trapping and mineral and petroleum development and is generally defined by periods of Exploration, Trapping and Trading (1776-1852); Early Settlement (1853-1861); Reservation (1862-1868); Secondary Settlement and Early Irrigation (1869-1885); Mineral Development (1886-1904); Land Rush and Water Development (1905-1927); Drought, Depression, and World War II (1928-1945); and Post-War (1946-present).

The Dominguez and Escalante expedition of 1776 marks the beginning of the historic period in this area. In his diary, Escalante called the basin "a fine plain abounding in pasturage and fertile, arable land, provided it were irrigated." These explorers opened the basin to Spanish, Mexican, American, and British fur-trappers, traders, and settlers. Over the next 100 years, early trappers, Mormon settlers, surveyors, and military expeditions passed through or settled in the area. Historic resource exploitation in this area includes mining, logging, and oil and gas extraction. The early historic periods were often marked by conflict between the original inhabitants of the region and Euro-American groups.

Between the late 1820s and the 1840s, the basin and mountains were visited by such prominent historical figures as William H. Ashley, Etienne Provost, Antoine Robidoux, and Kit Carson. At least two semi-permanent trading posts were established in the basin. These included Fort Robidoux (Fort Uintah or Winty) and Fort Kit Carson. Furthermore, several expeditions visited the area, including the Captain John C. Fremont expedition during the 1840s, and that of Major John Wesley Powell who floated the Green River in 1869 and 1871. The area was not initially identified as an area to be settled by Mormon leaders. In the early 1860s, Brigham Young sent a small expedition to the area to determine its suitability for settlement, but the expedition reported that "all that section of country lying between the Wasatch Mountains and the eastern boundary of the territory, and south of Green River country, was one vast contiguity of waste and measurably valueless...excepting for nomadic purposes, hunting grounds for Indians and to hold the world together."

The Uintah Reservation was established in 1861. Several Ute groups, including the Uinta-ats (Tavaputs), PahVant, Tumpanawach, Cumumba, and Sheberetch formed the Uintah Band during the late 1860s to early 1870 (Burton 1996). The Uintah Reservation was established to include Utes who had previously lived in central Utah and Ute groups from Colorado, specifically the White River Utes who had participated in the Meeker Massacre of September 29, 1879, were added to the Utah reservation in 1882 (Burton 1996; Callaway, Janetski, and Stewart 1986). The establishment of the reservation and subsequent inclusion of Ute groups from Colorado required that the Utes living in central Utah and the White River Utes of Colorado give up their residence there, and move to the Uintah Reservation, which is located in the northeast portion of the state of Utah. In addition, the Ouray Reservation, which bordered the southern boundary of the Uintah Reservation, was established during this time. This reservation was set up to include a band of Uncompahgre Utes. The Utes that were forced to move into these reservations were forced to sell their lands, and in many cases were not compensated for any resulting loss of land or independence. Furthermore, their relocation, residence, and containment on the two reservations was enforced militarily by the infantry stationed at the Department of War at Fort Thornburgh, which was established in 1881 (Burton

1996). Originally, the Uintah-Ouray Reservation encompassed over 3.5 million acres. However, today, the Uintah Utes, White River Utes, and Uncompahgre Utes occupy only a small fraction of their former reservation lands. Between 1890 and 1933, over 500,000 acres of the Uintah-Ouray Reservation were taken for homesteading, and in 1906, over 900,000 additional acres were taken from the reservation and added to the National Forests (Clemmer 1986).

Thomas Smart was one of the first white settlers to inhabit the area east of Ouray in 1878. This was followed by additional settlement in the area of the White River in the late 1870s to early 1880s. In 1888, gilsonite and other asphaltum minerals were discovered in various parts of the basin, which included eastern portions of the Uintah-Ouray Reservation. Miners convinced the Federal government to withdraw 7,000 acres from the reservation so that they could legally proceed with gilsonite mining activities. This area was called "the Strip." Between the late 1880s and early 1900s, the Dawes Act of 1887 and other mining and development campaigns succeeded in opening the Uinta Basin Indian Reservations, including the Uintah, the Ouray, and the Uncompahgre, to homesteading, development, and mining activities. The Mormon presence and increased settlement in the area grew after Thomas Smart's brother, William H. Smart, organized several expeditions into the Ouray Valley and the newly opened Ute Reservation. William H. Smart also became the president of the Wasatch Latter Day Saints (LDS) State in 1901 (Burton 1998). Several LDS families relocated to this area following Smart's initial exploration.

Early settlers in the region depended on livestock as the primary industry. Ranching and livestock make up an important part of the history of the Uinta Basin. Cattle were brought in from Brown's Park in Texas and other eastern areas since the early 1850s, and they were brought up to the Green River and surrounding mountain areas. The area offered an abundance of grass and water appropriate for livestock management. In 1912, the Uintah Cattle and Horse Growers Association was established. This group served to organize and issue brands to ranchers and to curtail rampant cattle rustling, which was becoming a significant problem as existing ranches grew in size and new ranches were established in the area (Burton 1996). Following the development of the cattle ranching industry, the sheep industry and the production of wool became an important industry in the Uinta Basin and its introduction coincided and possibly played a part in the waning of the cattle ranching industry. Sheep were desirable because of their heartiness and ability to survive the difficult basin winters better than cattle. Robert Bodily introduced the region to sheep in 1879 when he introduced a herd of 60. Following this introduction, the number of sheep being ranched in the region grew to approximately 50,000 head by the mid 1890s. Large-scale shearing corrals were built by C.S. Carter, and later by the Uintah Railway Company, and in 1899, the Uinta Basin sheep ranching industry was shipping 500,000 pounds of wool out of the area. The enormous growth of the wool industry in the region resulted in the passing of the Taylor Grazing Act in 1934, which designated certain areas as "districts" to stockmen, and required permits for livestock grazing. This act and acts like it led in part to the development of the Bureau of Land Management in 1946 (Burton 1996).

Uintah County is recognized for its various natural resources. These include coal, copper, iron, asphalt, shale, and as aforementioned, gilsonite. Commercial oil production began in 1948, but was not fully exploited until the 1970s, when the price of crude oil increased. The region has since experienced a boom and bust economic climate that is highly dependent on the price of and demand for oil and gas. Most

recently the economic stability of the Uinta Basin is increasingly dependent on world energy prices and demand.

4. CLASS I INVENTORY

A file search for previous projects and documented cultural resources was conducted at the Division of State History – Utah State Historic Preservation Office (USHPO) on April 7, 2008. The purpose of the file search was to identify the previous cultural resource inventories conducted within the Project Area and the number, type, and eligibility recommendations made for all of the archaeological sites previously documented. The NRHP National Register Information System (NRIS) online database was also consulted to determine if there are any NRHP-listed sites within the Project Area.

The results of the Class I inventory indicated that 21 previous cultural resource inventories had been conducted within 1 mile of the Project Area. These previous inventories resulted in the identification of four archaeological sites **(42Un4595, 42Un4812, 42Un4998, 42Un5007)**, within 1 mile of the Project Area. Two of these sites (**42Un4812** and **42Un4998**) were determined to be eligible for listing on the NRHP. However, neither of these previously recorded sites is located in the Project Area. The previous inventories and their findings are summarized in **Table 4.1**.

Table 4.1 Previous Cultural Resource Inventories Conducted in the Vicinity of the Project Area and Applicable Findings

Project No.	Company Name	Project Name	Findings
U-81-AF-0675	Archaeological-Environmental Research Corporation	Cultural Resource Inventory of a Proposed Well Location and Access Road in the Wild Horse Bench Locality of Uintah County, Utah	No cultural resources documented.
U-87-AF-0636	Archaeological-Environmental Research Corporation	Cultural Resource Evaluation of Two Proposed Well Locations in the Hill Creek Locality of Uintah County, Utah	No cultural resources documented.
U-91-GB-0668	Grand River Institute	King's Canyon #1-3 Well/Access	No cultural resources documented.
U-03-GB-0252	Grand River Institute	Class III Cultural Resource Inventory Report on Four Proposed Well locations, Related Accesses, and Pipeline Routes in Uintah and Duchesne Counties, Utah, for Gasco, Inc.	No cultural resources documented.
U-04-AY-1387	An Independent Archaeologist	Cultural Resource Inventory of EOG Resources, Inc.'s Algiers Pass Road	42Un4595
U-05-AY-0222	An Independent Archaeologist	Cultural Resource Inventory of Dominion Exploration and Production, Inc.'s proposed King's Canyon (KC) #8-23E, its access and pipeline	No cultural resources documented.

Table 4.1 Previous Cultural Resource Inventories Conducted in the Vicinity of the Project Area and Applicable Findings

Project No.	Company Name	Project Name	Findings
U-05-AY-0292	An Independent Archaeologist	Cultural Resource Inventory of Dominion Exploration and Production, Inc.'s proposed Algiers Pass (AP) #1-2J, its access and pipeline	No cultural resources documented.
U-05-AY-0293	An Independent Archaeologist	Cultural Resource Inventory of Dominion Exploration and Production, Inc.'s proposed Algiers Pass (AP) #2-2J, its access and pipeline	No cultural resources documented.
U-05-AY-0294	An Independent Archaeologist	Cultural Resource Inventory of Dominion Exploration and Production, Inc.'s proposed Algiers Pass (AP) #3-2J, its access and pipeline	42Un4812
U-05-AY-0295	An Independent Archaeologist	Cultural Resource Inventory of Dominion Exploration and Production, Inc.'s proposed Algiers Pass (AP) #5-2J, its access and pipeline	No cultural resources documented.
U-05-AY-0296	An Independent Archaeologist	Cultural Resource Inventory of Dominion Exploration and Production, Inc.'s proposed Algiers Pass (AP) #8-2J, its access and pipeline	No cultural resources documented.
U-05-AY-0297	An Independent Archaeologist	Cultural Resource Inventory of Dominion Exploration and Production, Inc.'s proposed Algiers Pass (AP) #9-2J, its access and pipeline	No cultural resources documented.
U-05-AY-0298	An Independent Archaeologist	Cultural Resource Inventory of Dominion Exploration and Production, Inc.'s proposed Algiers Pass (AP) #10-2J, its access and pipeline	No cultural resources documented.
U-05-AY-0299	An Independent Archaeologist	Cultural Resource Inventory of Dominion Exploration and Production, Inc.'s proposed Algiers Pass (AP) #15-2J, its access and pipeline	No cultural resources documented.

Table 4.1 Previous Cultural Resource Inventories Conducted in the Vicinity of the Project Area and Applicable Findings

Project No.	Company Name	Project Name	Findings
U=05-MQ-0819	Montgomery Archaeological Consultants	Cultural Resource Inventory of EOG Resources, Inc.'s Eight Proposed Well Locations	42Un4998
U-05-MQ-0890	Montgomery Archaeological Consultants	Cultural Resource Inventory of EOG Resources' Proposed Well Locations, Access, and Pipelines Alger Pass #8-17 and #6-15, Uintah County, Utah	42Un5007
U-05-MQ-1010	Montgomery Archaeological Consultants	Cultural Resource Inventory of EOG Resources, Inc.'s Five Proposed Wells #1-3, #3-3, #5-3, #10-4, and #11-4 in Uintah County, Utah	No cultural resources documented.
U-06-AY-0433	An Independent Archaeologist	Cultural Resource Inventory of Dominion Exploration and Production, Inc.'s proposed Algiers Pass (AP) #11-2J, its access and pipeline	No cultural resources documented.
U-06-AY-0435	An Independent Archaeologist	Cultural Resource Inventory of Dominion Exploration and Production, Inc.'s proposed Algiers Pass (AP) #13-2J, its access and pipeline	No cultural resources documented.
U-06-AY-1319	An Independent Archaeologist	Cultural Resource Inventory of Dominion Exploration and Production, Inc.'s proposed Algiers Pass (AP) Federal Access Road and 10" pipeline	No cultural resources documented.
U-06-MQ-0533	Montgomery Archaeological Consultants	Cultural Resource Inventory of EOG Resources, Inc.'s Proposed Wild Horse Divide Well Locations #2-3, 4-3, 8-3, 9-4, and 12-4, Uintah County, Utah	No cultural resources documented.

5. FIELD SURVEY

The objective of the field inventory is to identify and document all eligible prehistoric and historic archaeological sites, as well as areas that may have a high probability of significant subsurface materials that may be impacted by the proposed undertaking. During the survey, the ground surface is examined for archaeological artifacts, features, or other evidence of human presence including charcoal-stained sediments or rock surface oxidation indicating the presence of fire. Particular consideration is given to

areas of existing surface disturbance, including areas of erosion, cutbanks, animal burrows, anthills, roads, and other areas of construction activities as these areas provide indications of the potential for subsurface deposits of cultural material.

The Class III field inventory was conducted on all areas proposed for surface disturbance. At the proposed well location, a 10-acre square parcel is defined, centered on the well pad center stake. The survey area width for the access road and pipeline routes is 60 meters (200 feet) to either side of the centerline. A 100 percent pedestrian coverage survey is then conducted on the entire 10-acre area and along the access road and pipeline corridor with archaeologists walking parallel transects spaced at 15 meters (45 feet) apart.

6. SUMMARY OF THE KNOWN CULTURAL RESOURCES

The results of the Class I inventory indicated that 21 previous cultural resource inventories had been conducted within 1 mile of the Project Area. These previous inventories resulted in the identification of four archaeological sites **(42Un4595, 42Un4812, 42Un4998, 42Un5007)**, within 1 mile of the Project Area. Two of these sites (**42Un4812** and **42Un4998**) were determined to be eligible for listing on the NRHP. However, neither of these previously recorded sites is located in the Project Area.

No new cultural resources were recorded during the survey of XTO Energy's Proposed Algers Pass location #14-2J, associated access road, and pipeline.

7. EVALUATION AND RECOMMENDATIONS

No avoidance or mitigation measures are recommended for the proposed project as there will be no effects to any historic properties as a result of the undertaking. Therefore, a determination of "*no historic properties affected*" is proposed for the project pursuant to Section 106 of the NHPA (36 CFR 800).

To minimize any potential damage to or destruction of cultural resources and to maintain compliance with Federal and State cultural resource legislation, the following stipulations should be adhered to by all project personnel:

- The operator and its contractors would inform their employees about Federal regulations intended to protect cultural resources. All personnel would be informed that collecting artifacts, including arrowheads, is a violation of Federal law.
- If cultural resources are uncovered during surface-disturbing activities, the operator and its contractors would suspend all operations at the site and the discovery would be immediately reported to the Authorized Officer, who would arrange for a determination of significance in consultation with the SHPO, and if necessary, recommend a recovery or avoidance plan.
- All vehicular traffic, personnel and equipment movement, and construction activities should be confined to the locations surveyed for cultural resources as referenced in this report, and to the existing roadways and/or inventoried access routes.

8. REFERENCES

Burton, D.K. 1996. *A History of Uintah County. Scratching the Surface.* Utah Centennial County History Series. Utah State Historical Society and Uintah County Commission, Salt Lake City, Utah.

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Callaway, D., J. Janetski, and O.C. Stewart. 1986. Ute. In *Great Basin*, edited by Warren L. D'Azevedo, pp. 336-367. Handbook of North American Indians, Volume II: Great Basin, edited by William C. Sturtevant, Smithsonian Institution, Washington.

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PALEONTOLOGY EVALUATION SHEET

PROJECT: XTO ENERGY, INC – AP #14-2J

LOCATION: Fourteen miles south southwest of Ouray, Utah. 513' FSL 2083' FWL, Sec. 2, T11S, R19E, S.L.B.&M., Uintah County, Utah.

OWNERSHIP: PRIV[ ] STATE[X] BLM[ ] USFS[ ] NPS[ ] IND[ ] MIL[ ] OTHER[ ]

DATE: April 10, 2006

GEOLOGY/TOPOGRAPHY: Uinta Formation, lower part, Eocene Age. The general area is part of Wild Horse Bench, somewhat flat, but cut by draws/drainages running northwest. The area has a lot of bench top surface cover of soil and rock fragments with occasional rock exposures, particularly along the edges of canyons and draws. The road and pipeline come in from the east, then curve northwest across a drainage to the pad. Occasional rock exposures along the road and pipeline as they drop into the draw. The well pad is on the west edge of a bench.

PALEONTOLOGY SURVEY: YES [X] NO Survey [ ] PARTIAL Survey [ ]
Well pad, road and pipeline were surveyed for paleontology.

SURVEY RESULTS: Invertebrate [ ] Plant [ ] Vertebrate [ ] Trace [ ] No Fossils Found [X]

PALEONTOLOGY SENSITIVITY: HIGH [ ] MEDIUM [ ] LOW [X] (PROJECT SPECIFIC)

MITGATION RECOMMENDATIONS: NONE [X] OTHER [ ] (SEE BELOW)

No recommendations are being made for this well location.

There is always some potential for discovery of significant paleontological resources in the Uinta Formation. If significant vertebrate fossils (mammals, crocodiles, complete turtle shells, etc.) are encountered during construction, work should stop in that area and a paleontologist should be contacted to evaluate the material discovered.

PALEONTOLOGIST: Alden H. Hamblin
A.H. Hamblin Paleontological Consulting, 3793 N. Minersville Highway, Cedar City, Utah 84720 (435) 867-8355
Utah State Paleontological Permit # 07-055, BLM paleontological Resources Permit # UT-S-05-02,
Utah Professional Geologist License – 5223011-2250.

XTO ENERGY, INC
AP #14-2J
SECTION 2, T11S, R19E, S.L.B.&M.

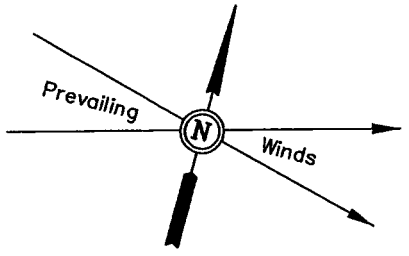
PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 9.1 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 2.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE WEST; TURN RIGHT AND PROCEED IN A WESTERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 0.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN RIGHT AND PROCEED IN A NORTHERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 2.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 3.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY, THEN NORTHWESTERLY DIRECTION APPROXIMATELY 1.2 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN LEFT AND PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 0.8 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE WEST; FOLLOW ROAD FLAGS IN A WESTERLY DIRECTION APPROXIMATELY 0.25 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 52.25 MILES.

XTO ENERGY, INC.

LOCATION LAYOUT FOR

AP #14-2J
SECTION 2, T11S, R19E, S.L.B.&M.
513' FSL 2083' FWL



SCALE: 1" = 50'
DATE: 11-27-07
Drawn By: S.L.

Total Pit Capacity
W/2' of Freeboard
= 10,280 Bbls. ±
Total Pit Volume
= 2,910 Cu. Yds.

CONSTRUCT DIVERSION DITCH

F-16.3'
El. 471.0'

F-8.7'
El. 478.6'

Topsoil Stockpile

Sta. 3+55

F-7.0'
El. 480.3'

Round Corners as Needed

Topsoil Stockpile

DATA

65'

175'

160'

REGISTERED LAND SURVEYOR
No. 161319
STATE OF UTAH

Existing Drainage

FLARE PIT

Pit Topsoil

El. 491.5'
C-4.2'

El. 492.3'
C-5.0'

CATWALK

PIPE RACKS

C-5.0'
El. 492.3'

TRAILER

27'

60'

15'

38'

135'

Sta. 1+80

El. 488.4'
C-11.1'
(btm. pit)

SUBSTRUCTURE

KOOMEY & DOGHOUSE

H2O (480 BBLS)

TRAILER

F-7.3'
El. 480.0'

El. 493.0'
C-5.7'

Slope = 1-1/2:1

MUD PIT

CAT-399

CAT-399

L.P. HOUSE

DIESEL

TOILET

DATA

Approx. Top of Cut Slope

10' WIDE BENCH / DIKE

195'

180'

BOILER

STORAGE TANK

RESERVE PITS
(10' Deep)

Approx. Toe of Fill Slope

Sta. 0+50

Reserve Pit Backfill & Spoils Stockpile

C-13.4'
El. 500.7'

C-13.0'
El. 500.3'

Sta. 0+00

F-3.6'
El. 483.7'

El. 496.3'
C-19.0'
(btm. pit)

10' WIDE BENCH

Proposed Access Road

Elev. Ungraded Ground at Location Stake = 5492.3'
Elev. Graded Ground at Location Stake = 5487.3'

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

XTO ENERGY, INC.

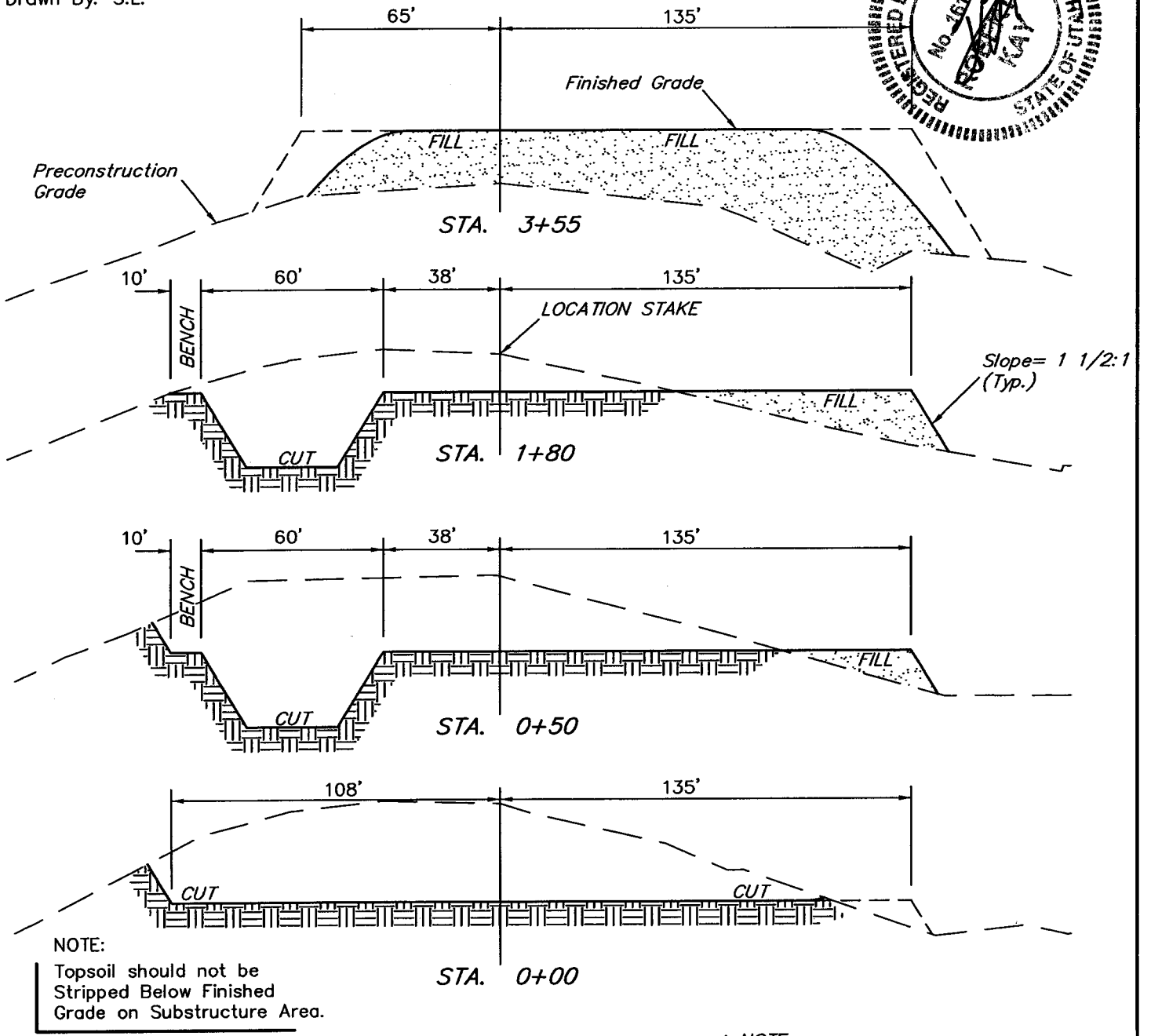
TYPICAL CROSS SECTIONS FOR

AP #14-2J
SECTION 2, T11S, R19E, S.L.B.&M.
513' FSL 2083' FWL

1" = 20'
X-Section Scale
1" = 50'

DATE: 11-27-07
Drawn By: S.L.

REGISTERED LAND SURVEYOR No. 161319 STATE OF UTAH



NOTE:
Topsoil should not be Stripped Below Finished Grade on Substructure Area.

* NOTE:
FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE YARDAGES

CUT

(6") Topsoil Stripping = 1,830 Cu. Yds.

Remaining Location = 11,690 Cu. Yds.

TOTAL CUT = 13,520 CU.YDS.

FILL = 10,230 CU.YDS.

EXCESS MATERIAL = 3,290 Cu. Yds.

Topsoil & Pit Backfill (1/2 Pit Vol.) = 3,290 Cu. Yds.

EXCESS UNBALANCE (After Interim Rehabilitation) = 0 Cu. Yds.

UINTAH ENGINEERING & LAND SURVEYING
*85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017*

XTO ENERGY, INC

AP #14-2J

LOCATED IN UINTAH COUNTY, UTAH
SECTION 2, T11S, R19E, S.L.B.&M.

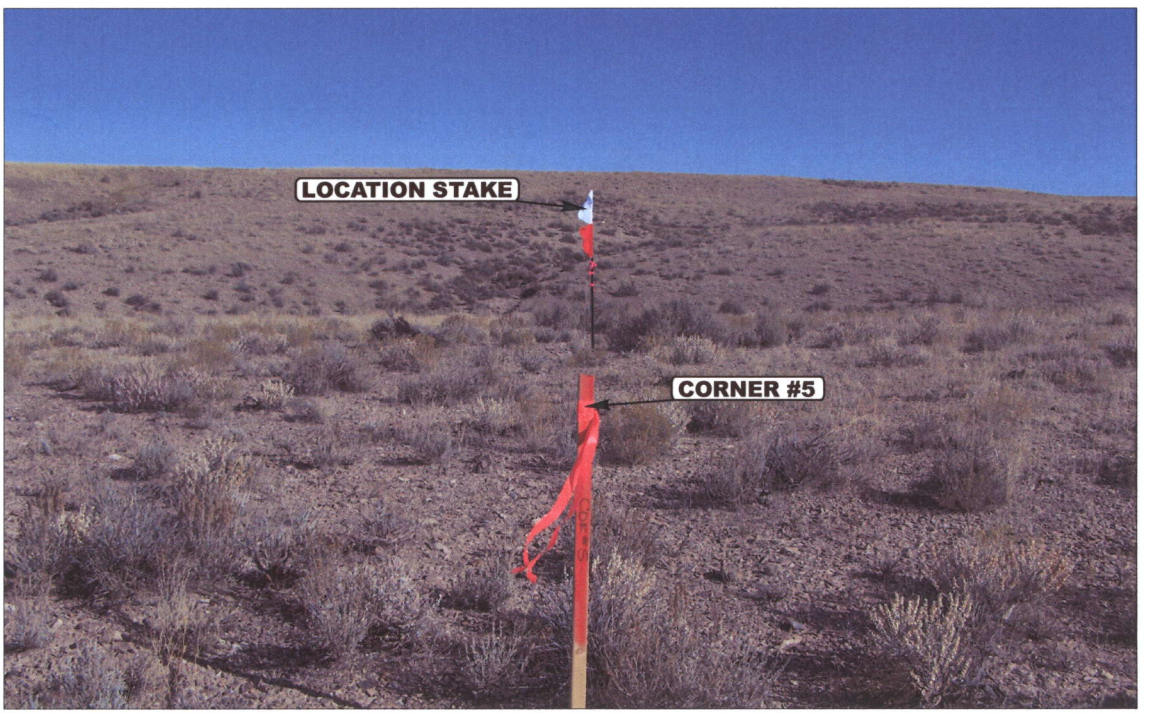
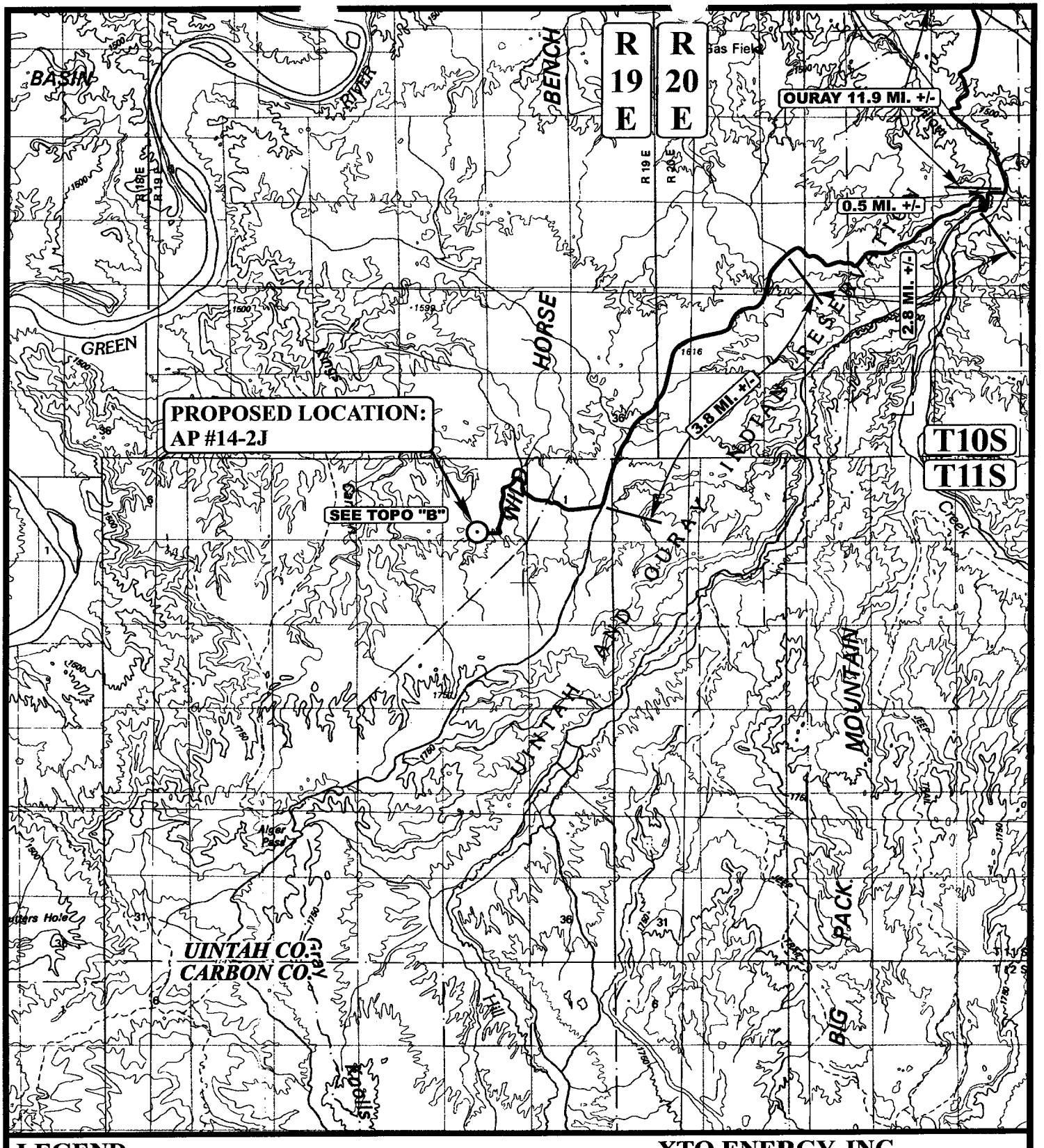


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE **CAMERA ANGLE: NORTHEASTERLY**

PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS **CAMERA ANGLE: WESTERLY**

- Since 1964 -
Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com

LOCATION PHOTOS	12 MONTH	12 DAY	07 YEAR	PHOTO
TAKEN BY: S.V.	DRAWN BY: C.P.	REVISED: 00-00-00		



LEGEND:

⊙ PROPOSED LOCATION

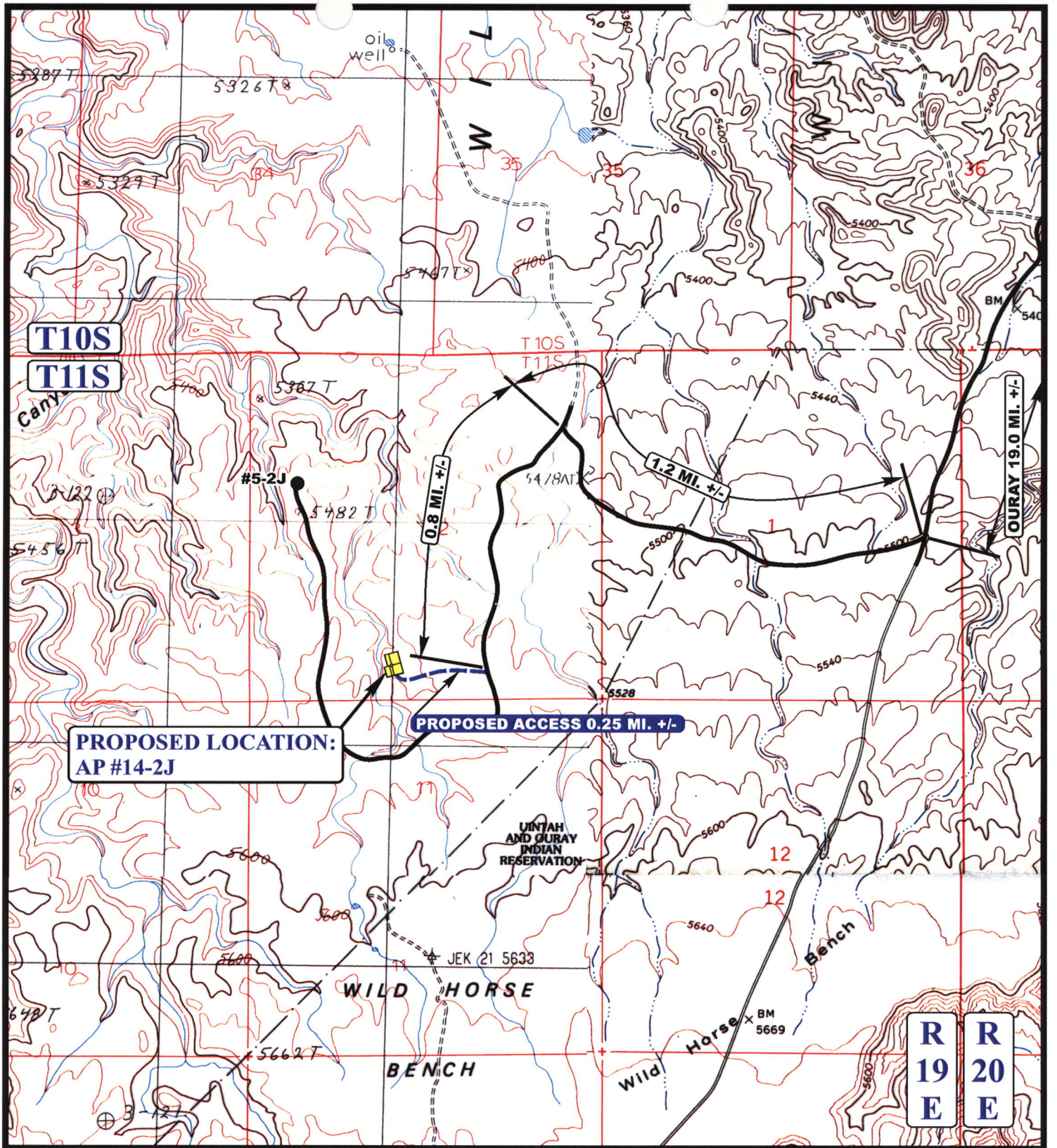
N

XTO ENERGY, INC.

AP #14-2J
SECTION 2, T11S, R19E, S.L.B.&M.
513' FSL 2083' FWL

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	12 MONTH	12 DAY	07 YEAR	A TOPO
SCALE: 1:100,000	DRAWN BY: C.P.	REVISED: 00-00-00		



LEGEND:

EXISTING ROAD

PROPOSED ACCESS ROAD

N

XTO ENERGY, INC.

AP #14-2J
SECTION 2, T11S, R19E, S.L.B.&M.
513' FSL 2083' FWL

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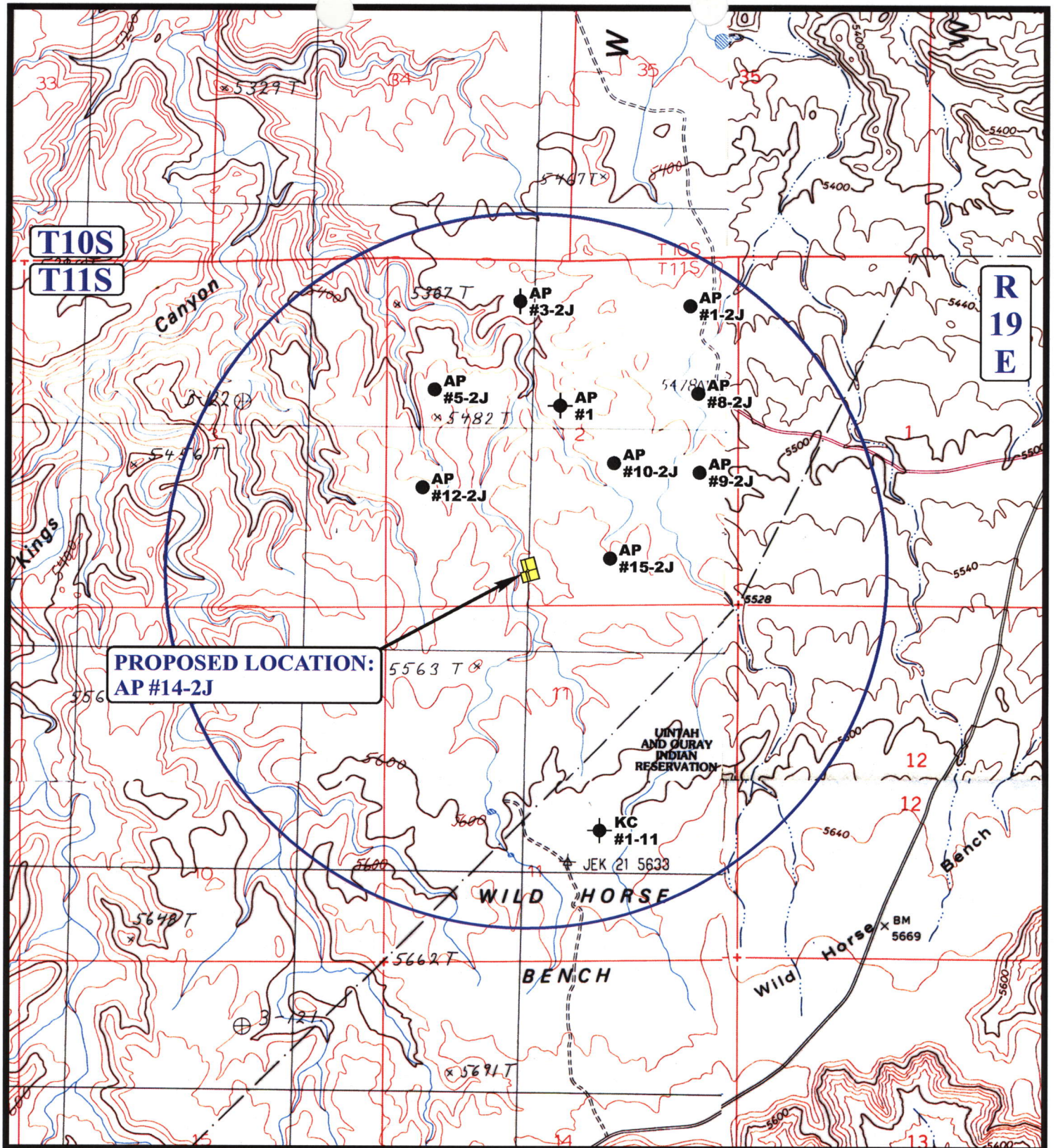
TOPOGRAPHIC MAP	12 MONTH	12 DAY	07 YEAR	B TOPO
SCALE: 1" = 2000'	DRAWN BY: C.P.	REVISED: 00-00-00		



LEGEND:

- DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- WATER WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED

N

XTO ENERGY, INC.

AP #14-2J
SECTION 2, T11S, R19E, S.L.B.&M.
513' FSL 2083' FWL

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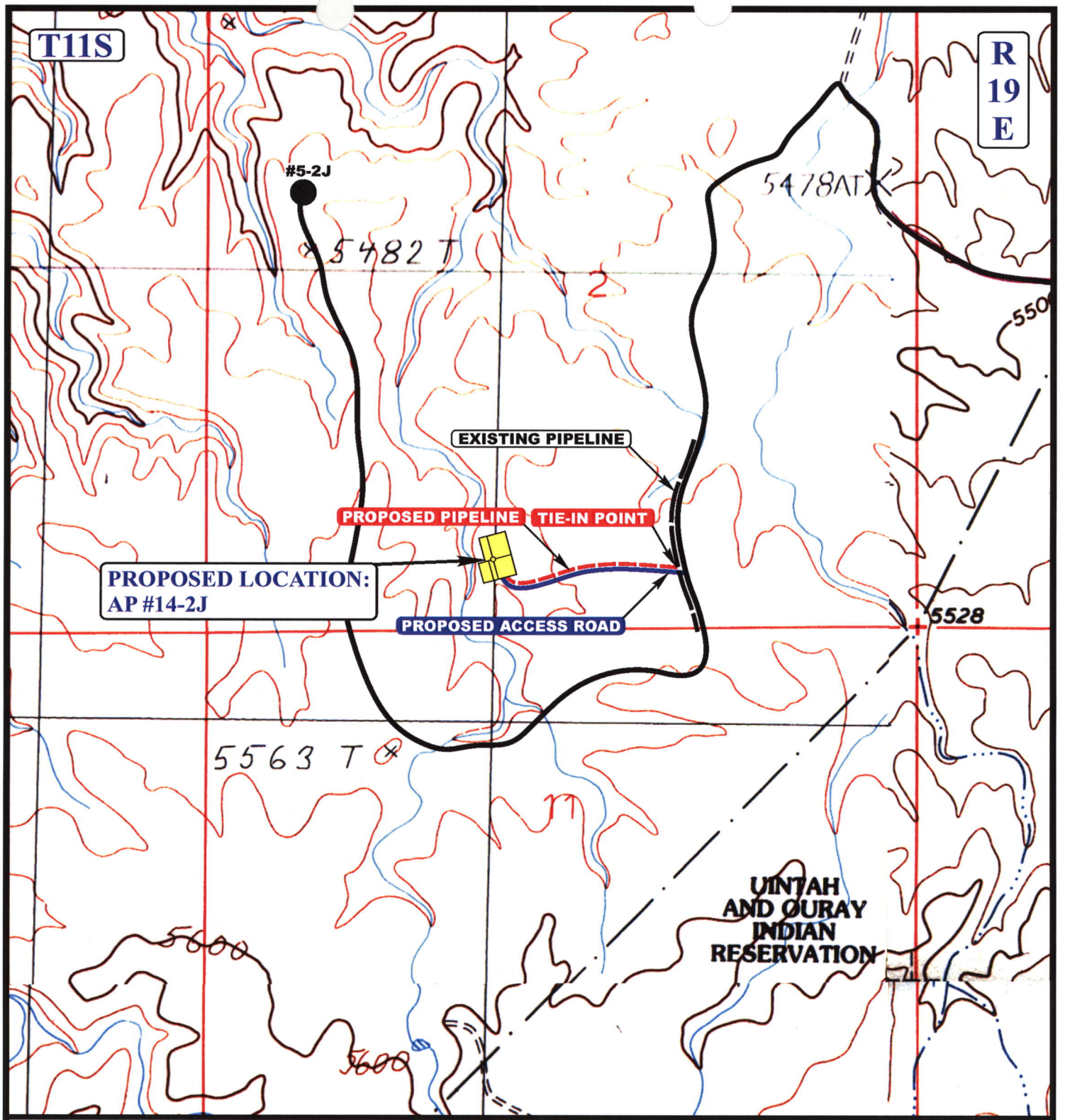
TOPOGRAPHIC MAP	12 MONTH	12 DAY	07 YEAR	C TOPO
SCALE: 1" = 2000'	DRAWN BY: C.P.	REVISED: 00-00-00		



APPROXIMATE TOTAL PIPELINE DISTANCE = 1,268' +/-

LEGEND:

PROPOSED ACCESS ROAD
EXISTING PIPELINE
PROPOSED PIPELINE

N

XTO ENERGY, INC.

AP #14-2J
SECTION 2, T11S, R19E, S.L.B.&M.
513' FSL 2083' FWL

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
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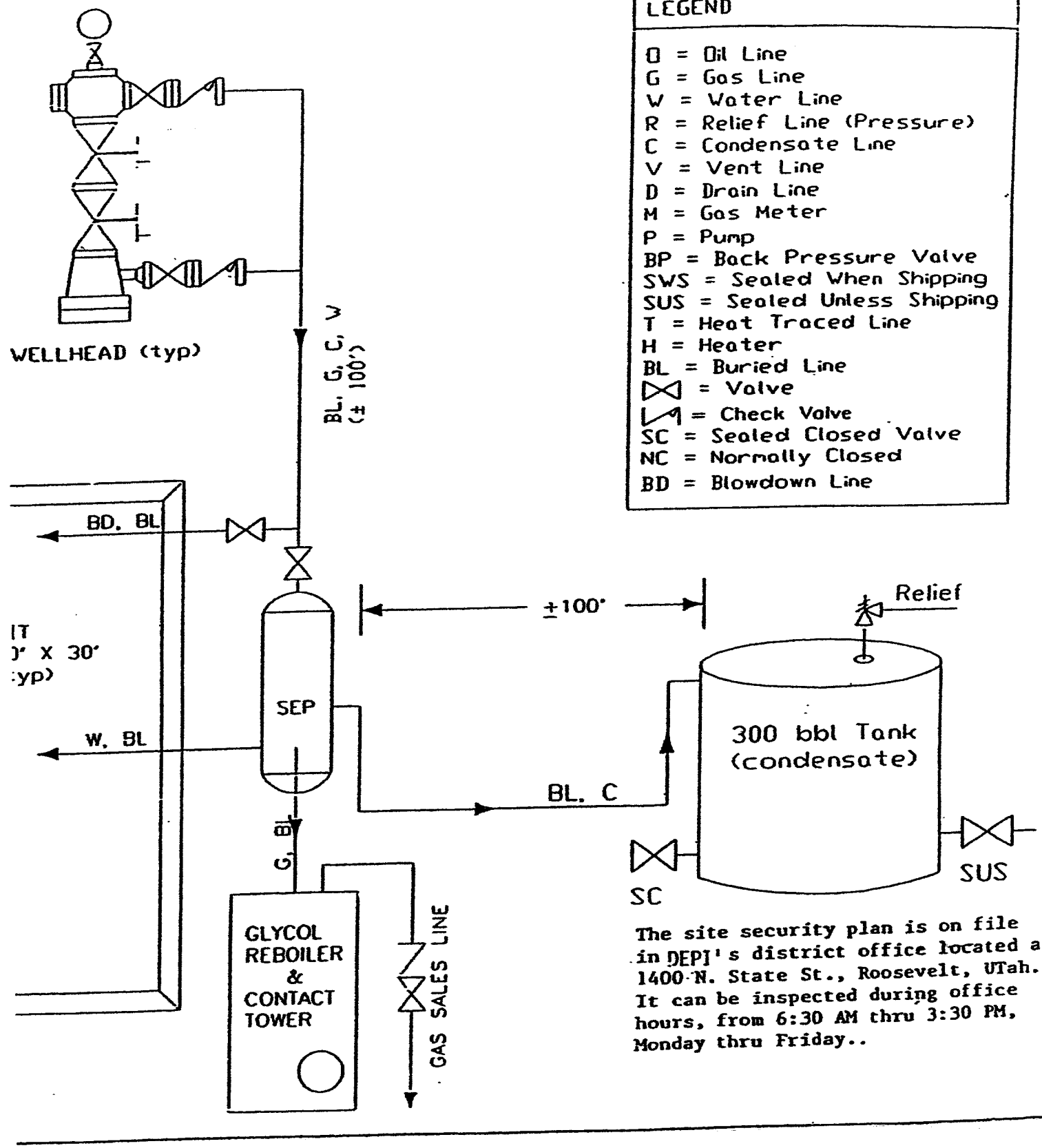
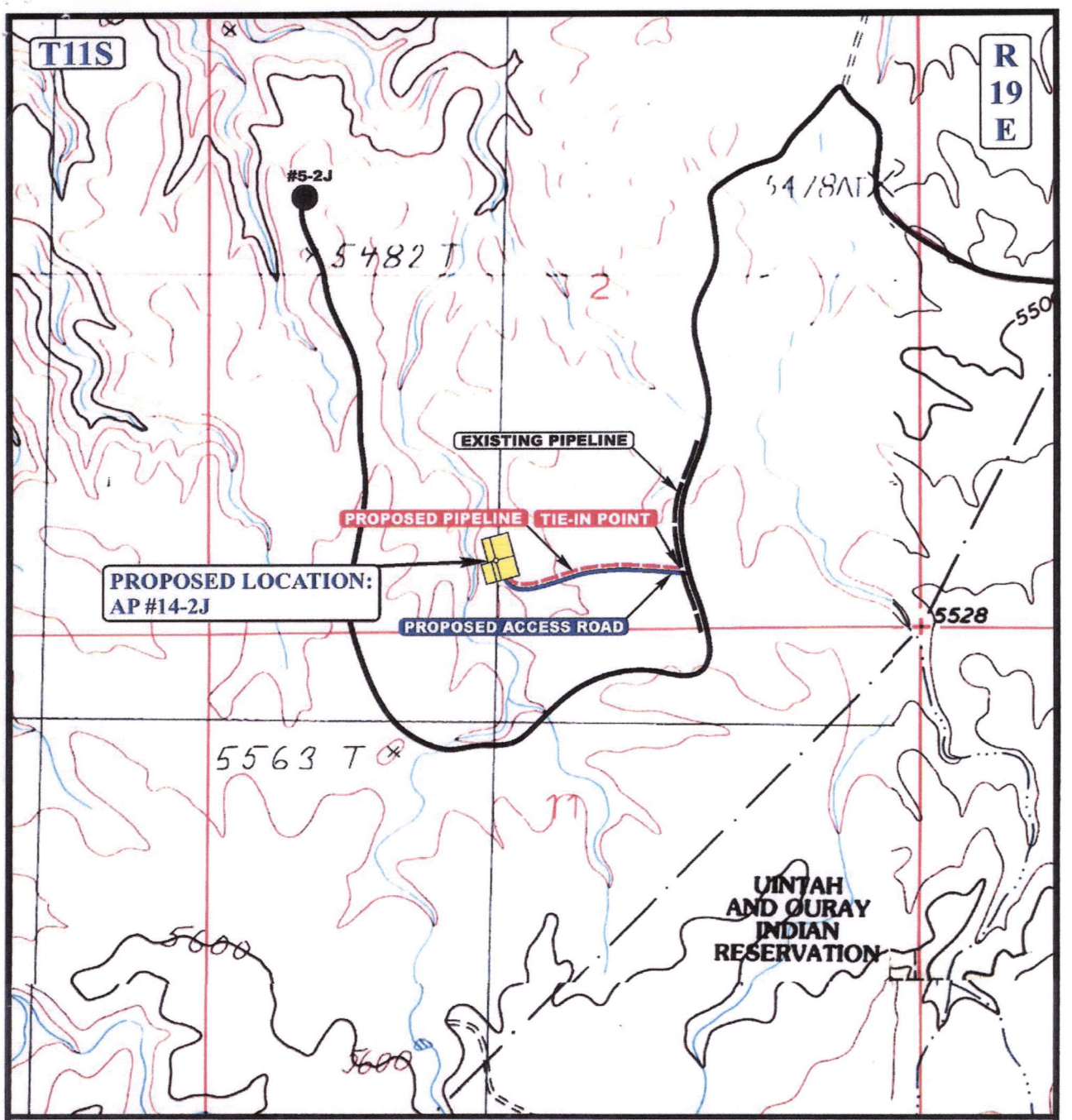
TOPOGRAPHIC MAP	12 MONTH	12 DAY	07 YEAR	D TOPO
SCALE: 1" = 1000'	DRAWN BY: C.P.	REVISED: 00-00-00		



The site security plan is on file in DEPT's district office located at 1400 N. State St., Roosevelt, UTah. It can be inspected during office hours, from 6:30 AM thru 3:30 PM, Monday thru Friday..



APPROXIMATE TOTAL PIPELINE DISTANCE = 1,268' +/-

LEGEND:

PROPOSED ACCESS ROAD
EXISTING PIPELINE
PROPOSED PIPELINE

N

XTO ENERGY, INC.

AP #14-2J
SECTION 2, T11S, R19E, S.L.B.&M.
513' FSL 2083' FWL

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	12 MONTH	12 DAY	07 YEAR	D TOPO
SCALE: 1" = 1000'	DRAWN BY: C.P.	REVISED: 00-00-00		

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 06/03/2008

API NO. ASSIGNED: 43-047-40104

WELL NAME: AP 14-2J
OPERATOR: XTO ENERGY INC (N2615)
CONTACT: DON HAMILTON

PHONE NUMBER: 405-749-5263

PROPOSED LOCATION:
SESW 02 110S 190E
SURFACE: 0513 FSL 2083 FWL
BOTTOM: 0513 FSL 2083 FWL
COUNTY: UINTAH
LATITUDE: 39.88362 LONGITUDE: -109.7604
UTM SURF EASTINGS: 605999 NORTHINGS: 4415366
FIELD NAME: Arger Pass (755)

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering	DKD	8/5/08
Geology		
Surface		

LEASE TYPE: 3 - State
LEASE NUMBER: ML-36213
SURFACE OWNER: 3 - State

PROPOSED FORMATION: WSMVD
COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

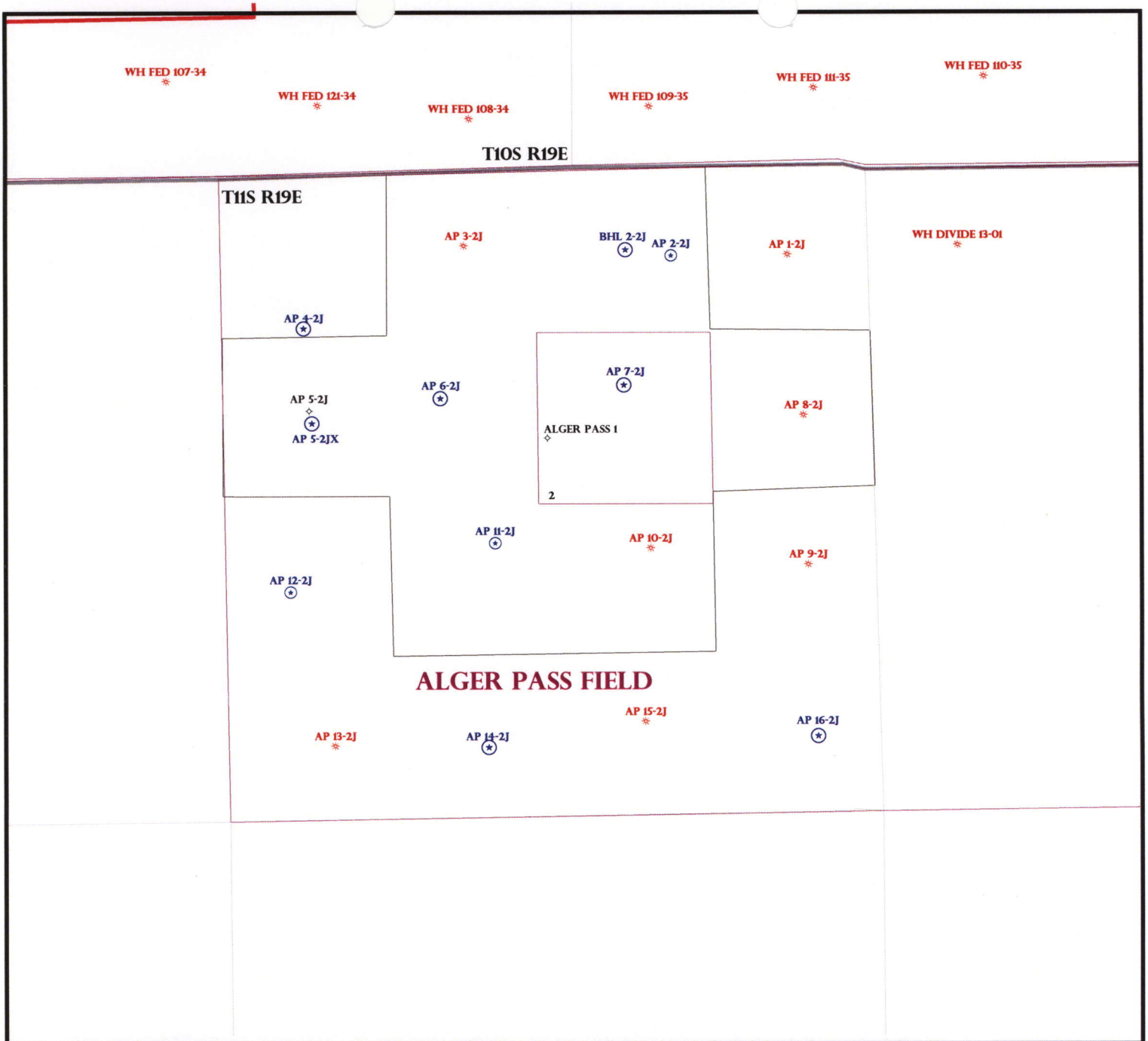
✓ Plat
✓ Bond: Fed[] Ind[] Sta[] Fee[]
(No. 104312762)
N Potash (Y/N)
N Oil Shale 190-5 (B) or 190-3 or 190-13
✓ Water Permit
(No. 43-10991)
N RDCC Review (Y/N)
(Date:)
NA Fee Surf Agreement (Y/N)
NA Intent to Commingle (Y/N)

LOCATION AND SITING:

___ R649-2-3.
Unit:
✓ R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
___ R649-3-3. Exception
___ Drilling Unit
Board Cause No:
Eff Date:
Siting:
___ R649-3-11. Directional Drill

COMMENTS: Needs Presite (06-24-08)

STIPULATIONS: 1- Spacing Stip
2- ~~Statement of Basis~~
3- Surface Casing Cmt Stip



OPERATOR: XTO ENERGY INC (N2615)

SEC: 2 T.11S R.19E

FIELD: ALGER PASS (755)

COUNTY: UINTAH

SPACING: R649-3-2 / GENERAL SITING

Field Status
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED

Unit Status
- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Wells Status
- GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL
- DRILLING

UTAH DNR
OIL, GAS & MINING

N
W E
S

PREPARED BY: DIANA MASON
DATE: 04-JUNE-2008

Application for Permit to Drill
Statement of Basis

APD No	API WellNo	Status	Well Type	Surf Ownr	CBM
781	43-047-40104-00-00		GW	S	No

Operator XTO ENERGY INC **Surface Owner-APD**
Well Name AP 14-2J **Unit**
Field ALGER PASS **Type of Work**
Location SESW 2 11S 19E S 513 FSL 2083 FWL GPS Coord (UTM) 605999E 4415366N

Geologic Statement of Basis

XTO proposes to set 2,200 feet of surface casing cemented to the surface. The base of the moderately saline water is estimated at 4,000 feet. A search of Division of Water Rights records shows no water wells within a 10,000 foot radius of the proposed location. The surface formation at this location is the Uinta Formation. The Uinta Formation is made up of discontinuous sands interbedded with shales and are not expected to produce prolific aquifers. The proposed Casing and cement program should adequately protect usable ground water. Production casing cement should be brought up above the base of the moderately saline ground water to isolate it from fresher waters uphole.

Brad Hill 7/16/2008
APD Evaluator **Date / Time**

Surface Statement of Basis

The general area is known as Wild Horse Bench and is located approximately 15 air miles southwest of Ouray, Utah. Wild Horse Bench is a large open flat area with somewhat steep and frequent side-draws draining to the west toward the Green River and the northeast toward Willow Creek. The Uintah and Ouray Indian Reservation is to the east. The area is accessed by Uintah County roads and existing oilfield roads to within 0.25 miles of the site which will require new construction.

The proposed AP 14-2J gas well location is laid out northerly on top of a narrow rounded ridge which slopes to the north and also breaks off sharply into two draws or swales on the west and east. Corner 9 will be rounded to miss the draw on the east rather than constructing a diversion around that side as shown on the Location Layout Sheet.

With this change, no diversions are needed around the pad. No springs, seeps or streams are known to exist in the immediate area. The pre-drill investigation did not reveal any significant issues or situations, which should prohibit access to or drilling and operating this well.

Both the surface and minerals are owned by SITLA. Jim Davis represented SITLA at the site evaluation. He had no concerns regarding the proposal as altered. XTO is to contact SITLA for site restoration standards and seed mixes. Ben Williams of the Utah Division of Wildlife Resources was invited to the pre-site. He did not attend.

Floyd Bartlett 6/24/2008
Onsite Evaluator **Date / Time**

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 16 mils with a felt subliner shall be properly installed and maintained in the reserve pit.
Surface	The reserve pit shall be fenced upon completion of drilling operations.

ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator XTO ENERGY INC
Well Name AP 14-2J
API Number 43-047-40104-0 **APD No** 781 **Field/Unit** ALGER PASS
Location: 1/4,1/4 SESW **Sec** 2 **Tw** 11S **Rng** 19E 513 FSL 2083 FWL
GPS Coord (UTM) 606006 4415369 **Surface Owner**

Participants

Floyd Bartlett (DOGM), Ken Secrist, Jody Mecham and Zander Mcentire (XTO), Jim Davis (SITLA), Brandon Bowthorpe(U.E.L.S.),Bill McClure (LaRose Construction), Randy Jackson (Jackson Construction)

Regional/Local Setting & Topography

The general area is known as Wild Horse Bench and is located approximately 15 air miles southwest of Ouray, Utah. Wild Horse Bench is a large open flat area with somewhat steep and frequent side-draws draining to the west toward the Green River and the northeast toward Willow Creek. The Uintah and Ouray Indian Reservation is to the east. The area is accessed by Uintah County roads and existing oilfield roads to within 0.25 miles of the site which will require new construction.

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Both the surface and minerals are owned by SITLA.

Surface Use Plan

Current Surface Use
Grazing
Recreational
Wildlfe Habitat

New Road Miles	Well Pad		Src Const Material	Surface Formation
0.25	**Width** 243	**Length** 355	Onsite	UNTA

Ancillary Facilities N

Waste Management Plan Adequate?

Environmental Parameters

Affected Floodplains and/or Wetland N

Flora / Fauna

Antelope, deer, elk, wild horses, coyotes, rabbits and miscellaneous small mammals and birds.

Big sagebrush, broom snakeweed, curly mesquite, spiny hopsage, broom snakeweed, cheatgrass, shadscale, halogeton, sitanion, mustard, horsebrush, globemallow, Gardiner saltbrush and spring annuals..

Soil Type and Characteristics

Surface soils are a shallow gravely sandy loam with some surface rock.

Erosion Issues N

Sedimentation Issues N

Site Stability Issues N

Drainage Diverson Required N

Berm Required? N

Erosion Sedimentation Control Required? N

Paleo Survey Run?	Paleo Potental Observed?	Cultural Survey Run?	Cultural Resources?

Reserve Pit

Site-Specific Factors		Site Ranking
Distance to Groundwater (feet)	>200	0
Distance to Surface Water (feet)	>1000	0
Dist. Nearest Municipal Well (ft)	>5280	0
Distance to Other Wells (feet)	300 to 1320	10
Native Soil Type	Mod permeability	10
Fluid Type	Fresh Water	5
Drill Cuttings	Normal Rock	0
Annual Precipitation (inches)	<10	0
Affected Populations	<10	0
Presence Nearby Utility Conduits	Not Present	0
	Final Score	25 1 **Sensitivity Level**

Characteristics / Requirements

A 60' x 195' x 10' deep reserve pit is planned on the southwest corner of the in an area of cut. A pit liner and sub felt are both required. XTO commonly uses a 16 mil liner which should be adequate for this location.

Closed Loop Mud Required? N **Liner Required?** Y **Liner Thickness** 16 **Pit Underlayment Required?** Y

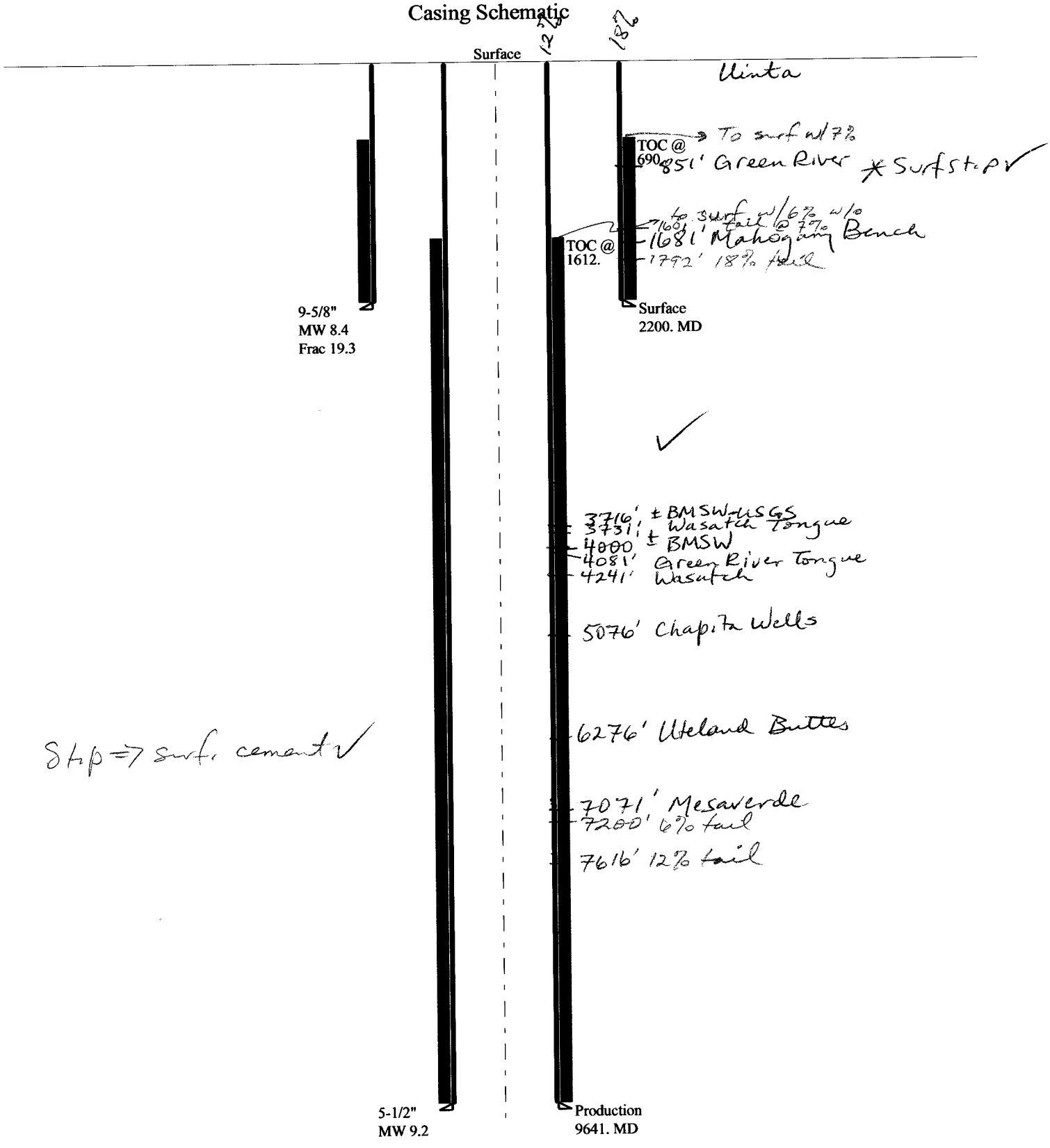
Other Observations / Comments

ATV's were used to reach site.

Floyd Bartlett	6/24/2008
Evaluator	**Date / Time**

2008-07 XTO AP 14-2J

Casing Schematic



Well name: **2008-07 XTO AP 14-2J**

Operator: **XTO Energy, Inc.**

String type: Surface

Project ID: 43-047-40104

Location: Uintah County

Design parameters:

Collapse

Mud weight: 8.400 ppg

Design is based on evacuated pipe.

Burst

Max anticipated surface pressure: 1,936 psi

Internal gradient: 0.120 psi/ft

Calculated BHP 2,200 psi

No backup mud specified.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Tension:

8 Round STC: 1.80 (J)

8 Round LTC: 1.80 (J)

Buttress: 1.60 (J)

Premium: 1.50 (J)

Body yield: 1.50 (B)

Tension is based on air weight.

Neutral point: 1,926 ft

Environment:

H2S considered? No

Surface temperature: 65 °F

Bottom hole temperature: 96 °F

Temperature gradient: 1.40 °F/100ft

Minimum section length: 185 ft

Cement top: 690 ft

Non-directional string.

Re subsequent strings:

Next setting depth: 9,641 ft

Next mud weight: 9.200 ppg

Next setting BHP: 4,608 psi

Fracture mud wt: 19.250 ppg

Fracture depth: 2,200 ft

Injection pressure: 2,200 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft^3)
1	2200	9.625	36.00	J-55	ST&C	2200	2200	8.796	954.9

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	960	2020	2.104	2200	3520	1.60	79	394	4.97 J

Prepared by: Helen Sadik-Macdonald, Div of Oil,Gas & Minerals

Phone: 810-538-5357

Date: July 29,2008
Salt Lake City, Utah

ENGINEERING STIPULATIONS: NONE

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Collapse is based on a vertical depth of 2200 ft, a mud weight of 8.4 ppg The casing is considered to be evacuated for collapse purposes.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:	**2008-07 XTO AP 14-2J**
Operator:	**XTO Energy, Inc.**
String type:	Production
Project ID:	43-047-40104
Location:	Uintah County

Design parameters:

Collapse

Mud weight: 9.200 ppg

Design is based on evacuated pipe.

Burst

Max anticipated surface pressure: 2,487 psi

Internal gradient: 0.220 psi/ft

Calculated BHP 4,608 psi

No backup mud specified.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Tension:

8 Round STC: 1.80 (J)

8 Round LTC: 1.80 (J)

Buttress: 1.60 (J)

Premium: 1.50 (J)

Body yield: 1.50 (B)

Tension is based on air weight.

Neutral point: 8,296 ft

Environment:

H2S considered? No

Surface temperature: 65 °F

Bottom hole temperature: 200 °F

Temperature gradient: 1.40 °F/100ft

Minimum section length: 368 ft

Cement top: 1,612 ft

Non-directional string.

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft^3)
1	9641	5.5	17.00	N-80	LT&C	9641	9641	4.767	1258.4

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	4608	6290	1.365	4608	7740	1.68	164	348	2.12 J

Prepared by: Helen Sadik-Macdonald, Div of Oil,Gas & Minerals

Phone: 810-538-5357

Date: July 29,2008
Salt Lake City, Utah

ENGINEERING STIPULATIONS: NONE

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Collapse is based on a vertical depth of 9641 ft, a mud weight of 9.2 ppg The casing is considered to be evacuated for collapse purposes.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

BOPE REVIEW — XTO AP 14-2J API 43-047-40104

INPUT

Well Name	XTO AP 14-2J API 43-047-40104			
	String 1	String 2		
Casing Size (")	9 5/8	5 1/2		
Setting Depth (TVD)	2200	9641		
Previous Shoe Setting Depth (TVD)	0	2200		
Max Mud Weight (ppg)	8.4	9.2		
BOPE Proposed (psi)	0	3000		
Casing Internal Yield (psi)	3520	7740		
Operators Max Anticipated Pressure (psi)	4600	9.2 ppg		

Calculations	String 1	9 5/8 "	
Max BHP [psi]	.052*Setting Depth*MW =	961	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) [psi]	Max BHP-(0.12*Setting Depth) =	697	NO
MASP (Gas/Mud) [psi]	Max BHP-(0.22*Setting Depth) =	477	NO
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth) =	477	← NO Common Depth in Area - no expected pressure
Required Casing/BOPE Test Pressure		2200	psi
*Max Pressure Allowed @ Previous Casing Shoe =		0	psi *Assumes 1psi/ft frac gradient

Calculations	String 2	5 1/2 "	
Max BHP [psi]	.052*Setting Depth*MW =	4612	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) [psi]	Max BHP-(0.12*Setting Depth) =	3455	NO
MASP (Gas/Mud) [psi]	Max BHP-(0.22*Setting Depth) =	2491	YES ✓
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth) =	2975	← NO OVC.
Required Casing/BOPE Test Pressure		3000	psi
*Max Pressure Allowed @ Previous Casing Shoe =		2200	psi *Assumes 1psi/ft frac gradient

From: Ed Bonner
To: Mason, Diana
Date: 7/10/2008 10:46 AM
Subject: Well Clearance

CC: Davis, Jim; Garrison, LaVonne; Hill, Brad; Jarvis, Dan

The following wells have been given cultural resources and paleontological resources clearance by the Trust Lands Administration:

EOG Resources, Inc
- NBU 735-36E (API 43 047 50039)
- NBU 733-36E (API 43 047 50042)
- NBU 731-36E (API 43 047 50038)
- NBU 670-29E (API 43 047 40084)
- NBU 495-31E (API 43 047 50037)
- NBU 743-31E (API 43 047 50040)
  - As per recommendations in paleo report, SITLA is requiring paleo monitoring of the NBU 743-31E location when construction begins and spotchecks during construction.

Kerr-McGee Oil & Gas Onshore LP
- NBU 921-26A1CS (API 43 047 40099)
- NBU 921-25D4AS (API 43 047 40102)
- NBU 921-26N2AS (API 43 047 40110)
- NBU 921-26M4AS (API 43 047 40111)
- NBU 921-26N2DS (API 43 047 40112)

XTO Energy, Inc
- AP 16-2J (API 43 047 40103)
- AP 14-2J (API 43 047 40104)
- AP 7-2J (API 43 047 40105)
- AP 6-2J (API 43 047 40106)
- AP 5-2JX (API 43 047 40107)
- AP 4-2J (API 43 047 40108)

If you have any questions regarding this matter please give me a call.

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah
DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

August 5, 2008

XTO Energy, Inc.
P O Box 1360
Roosevelt, UT 84066

Re: AP 14-2J Well, 513' FSL, 2083' FWL, SE SW, Sec. 2, T. 11 South, R. 19 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-40104.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

cc: Uintah County Assessor
SITLA

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801
telephone (801) 538-5340 • facsimile (801) 359-3940 • TTY (801) 538-7458 • *www.ogm.utah.gov*

UTAH DNR OIL, GAS & MINING

Operator: XTO Energy, Inc.

Well Name & Number AP 14-2J

API Number: 43-047-40104

Lease: ML-36213

Location: SE SW **Sec.** 2 **T.** 11 South **R.** 19 East

Conditions of Approval

1. **General**

   Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. **Notification Requirements**

   The operator is required to notify the Division of Oil, Gas and Mining of the following action during drilling of this well:

   - 24 hours prior to cementing or testing casing – contact Dan Jarvis
   - 24 hours prior to testing blowout prevention equipment – contact Dan Jarvis
   - 24 hours prior to spudding the well – contact Carol Daniels
   - Within 24 hours of any emergency changes made to the approved drilling program – contact Dustin Doucet
   - Prior to commencing operations to plug and abandon the well – contact Dan Jarvis

   The operator is required to get approval from the Division of Oil, Gas and Mining before performing any of the following actions during the drilling of this well:

   - Plugging and abandonment or significant plug back of this well – contact Dustin Doucet
   - Any changes to the approved drilling plan – contact Dustin Doucet

   The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voice mail message if the person is not available to take the call):

   - Dan Jarvis at: (801) 538-5338 office (801) 942-0871 home
   - Carol Daniels at: (801) 538-5284 office
   - Dustin Doucet at: (801) 538-5281 office (801) 733-0983 home

3. **Reporting Requirements**

   All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.

5. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)

6. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

7. Surface casing shall be cemented to the surface.

API Well No: 43047401040000

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: ML-36213

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL
Gas Well

8. WELL NAME and NUMBER:
AP 14-2J

2. NAME OF OPERATOR:
XTO ENERGY INC

9. API NUMBER:
43047401040000

3. ADDRESS OF OPERATOR:
382 Road 3100 , Aztec, NM, 87410

PHONE NUMBER:
505 333-3159 Ext

9. FIELD and POOL or WILDCAT:
ALGER PASS

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
0513 FSL 2083 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: SESW Section: 02 Township: 11.0S Range: 19.0E Meridian: S

COUNTY:
UINTAH

STATE:
UTAH

11.
CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 8/5/2010	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ SPUD REPORT Date of Spud:	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	✓ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

XTO hereby requests a one year State extension on the permit for the referenced well.

Approved by the Utah Division of Oil, Gas and Mining

Date: August 13, 2009

By:

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Eden Fine	505 333-3664	Permitting Clerk
SIGNATURE		**DATE**
N/A		8/11/2009

RECEIVED August 11, 2009

The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047401040000

API: 43047401040000
Well Name: AP 14-2J
Location: 0513 FSL 2083 FWL QTR SESW SEC 02 TWNP 110S RNG 190E MER S
Company Permit Issued to: XTO ENERGY INC
Date Original Permit Issued: 8/5/2008

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- **If located on private land, has the ownership changed, if so, has the surface agreement been updated?** ○ **Yes** ◉ **No**
- **Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?** ○ **Yes** ◉ **No**
- **Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?** ○ **Yes** ◉ **No**
- **Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location?** ○ **Yes** ◉ **No**
- **Has the approved source of water for drilling changed?** ○ **Yes** ◉ **No**
- **Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?** ○ **Yes** ◉ **No**
- **Is bonding still in place, which covers this proposed well?** ◉ **Yes** ○ **No**

Approved by the Utah Division of Oil, Gas and Mining

Signature: Eden Fine **Date:** 8/11/2009
Title: Permitting Clerk **Representing:** XTO ENERGY INC

Date: August 13, 2009
By: Dustin Doucet

RECEIVED August 11, 2009

API Well No: 43047401040000

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: ML-36213

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL
Gas Well

8. WELL NAME and NUMBER:
AP 14-2J

2. NAME OF OPERATOR:
XTO ENERGY INC

9. API NUMBER:
43047401040000

3. ADDRESS OF OPERATOR:
382 Road 3100 , Aztec, NM, 87410

PHONE NUMBER:
505 333-3159 Ext

9. FIELD and POOL or WILDCAT:
ALGER PASS

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
0513 FSL 2083 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: SESW Section: 02 Township: 11.0S Range: 19.0E Meridian: S

COUNTY:
UINTAH

STATE:
UTAH

11.
CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 8/5/2011	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DRILLING REPORT Report Date:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	✓ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

XTO hereby requests a one year extension on the State permit for the referenced well.

Approved by the Utah Division of Oil, Gas and Mining

Date: August 09, 2010

By:

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Eden Fine	505 333-3664	Permitting Clerk
SIGNATURE		**DATE**
N/A		8/9/2010

The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources
Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047401040000

API: 43047401040000
Well Name: AP 14-2J
Location: 0513 FSL 2083 FWL QTR SESW SEC 02 TWNP 110S RNG 190E MER S
Company Permit Issued to: XTO ENERGY INC
Date Original Permit Issued: 8/5/2008

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- **If located on private land, has the ownership changed, if so, has the surface agreement been updated?** ○ **Yes** ◉ **No**
- **Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?** ○ **Yes** ◉ **No**
- **Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?** ○ **Yes** ◉ **No**
- **Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location?** ○ **Yes** ◉ **No**
- **Has the approved source of water for drilling changed?** ○ **Yes** ◉ **No**
- **Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?** ○ **Yes** ◉ **No**
- **Is bonding still in place, which covers this proposed well?** ◉ **Yes** ○ **No**

Approved by the Utah Division of Oil, Gas and Mining

Signature: Eden Fine **Date:** 8/9/2010
Title: Permitting Clerk **Representing:** XTO ENERGY INC

Date: August 09, 2010
By: Dustin Doucet

RECEIVED August 09, 2010

GARY R. HERBERT
Governor
GREG BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES
MICHAEL R. STYLER
Executive Director
Division of Oil, Gas and Mining
JOHN R. BAZA
Division Director

August 8, 2011

XTO Energy Inc.
382 Road 3100
Aztec, NM 87410

Re: APD Rescinded – AP 14-2J, Sec. 2, T.11S, R. 19E
Uintah County, Utah API No. 43-047-40104

Ladies and Gentlemen:

The Application for Permit to Drill (APD) for the subject well was approved by the Division of Oil, Gas and Mining (Division) on August 5, 2008. On August 13, 2009 and August 9, 2010 the Division granted a one-year APD extension. No drilling activity at this location has been reported to the division. Therefore, approval to drill the well is hereby rescinded, effective August 8, 2011.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division immediately.

Sincerely,

Diana Mason
Environmental Scientist

cc: Well File
SITLA, Ed Bonner

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801
telephone (801) 538-5340 • facsimile (801) 359-3940 • TTY (801) 538-7458 • *www.ogm.utah.gov*

UTAH DNR OIL, GAS & MINING